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THE SUPERINTENDENT OF EDUCATION FOR

NOVA SCOTIA

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OCTOBER, 1917.



Published by Order of the Legislature of Nova Scotia.

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II.—The *JOURNAL*, which is the Semi-annual Supplement of the Education Report, will be furnished gratuitously, according to law, to each Inspector, Chairman of Commissioners and Board of Trustees; and will be supplied to other parties wishing it at the rate of ten cents a copy.

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PROVINCIAL HIGH SCHOOLS.

EXAMINATION QUESTIONS, JUNE, 1917.

County Academy Entrance - - - - - (Grade VIII).

(See *Comments and Regulations of Council of Public Instruction, No. 67-75, and No. 222, Journal of Education, April, 1917, page 93*).

ENGLISH LANGUAGE.—VIII.

9 to 11 a. m., Thursday, 28 June, 1917.

1. "British Colonial and Naval Power." Give the main facts brought out in this article in your Fourth Reader, adding any further information you have gained from the present war.
2. Write ten lines of poetry from the year's reading, correctly punctuated. Write your selection in prose form.
3. What do you know of any four of the following:—"The Gael;" Lady Alice; Captain Hardy; Excalibur; Valhalla; King Francis.
4. Tell what you understand to be the meaning of "National Service?" Put your answer in the form of a short composition exercise, showing how "saving," "boy scouts," "sewing," "home gardens," etc., have a share in National Service.
5. Correct where necessary, giving your reasons: (a) It was James and me who was there; (b) I seen him pass just before the window was broke; (c) Try and do it; (d) Who did you give the book to? (e) There is peace and plenty where industry reigns.
6. Write a full note on tense of the verb. Give principal parts of lay, bet, come, fall, go, swim, eat.
7. Analyze the following sentence:—"While I *was cutting down* some wood here, I perceived *that*, behind a *very* thick branch of low brushwood, there was a *kind* of hollow place."
8. Parse the italicized words in Question 7.
- 9 and 10. Dictation and Spelling Exercise.

**DRAWING AND BOOKKEEPING.—VIII.**

2 to 3.30 p. m., Thursday, 28 June, 1917.

1. The base of a triangle is 356 yards in length, and the angles at each end of the base  $60^\circ$  and  $100^\circ$  respectively. Plot the triangle and calculate its area.
  2. Draw in outline any simple plant with its leaf and flower.
  3. Draw any one of the following as accurately as you can from memory: A robin, sparrow, dog, potato beetle, butterfly.
  4. Draw any school apparatus you have seen, or any landscape, or any house, or its approaches, or a wheelbarrow or cart, or automobile.
  5. Describe the kind of bookkeeping system you would use for *either* (a) a farm; *Or* (b) a small country store; *Or* (c) a dwelling-house and family; *Or* (d) an individual.
  6. Make out an account current amounting to between \$20 and \$30, and receipt it as being paid by a note at 3 months.
  7. Write out as beautifully as you can the said note, and sketch its probable history.
  8. Describe as fully as you can at least three ways of remitting money.
- (Technical Drawing Question, which may be substituted for 2, 3 and 4 above)
9. Draw two views of an hexagonal packing nut; Make greatest diameter 3" with other dimensions to correspond. *Or*, Draw two views of a plate washer 4" square and  $\frac{1}{2}$ " thick, with hole  $1\frac{1}{2}$ " diameter.

**GEOGRAPHY AND HISTORY.—VIII.**

3.30 to 5 p. m., Thursday, 28 June, 1917.

[Only *three* questions in Geography and *three* in History to be answered]

1. What kind of goods are manufactured at or exported from Tokyo; Leeds; Sheffield; Paisley; Lynn; Halifax, N. S.; Chicago; Sydney, N. S.; Amherst; New Glasgow; Bordeaux.
2. Tell what you know about the West Indies. What recent change in possession has been effected in this region.
3. Explain the following terms; Latitude, Longitude, Zone, Volcano, Delta, Geyser, Lagoon, Altitude, River-Course, Water-shed, Coaling station, Military base.
4. Draw an outline map of British Isles showing coast waters, and at least seven sea-ports.
5. From Halifax, N. S., a man goes to Montreal, (a) via St. Lawrence River, all water; (b) via I. C. R., all rail. Give the waters passed thru in (a) and the counties and chief towns passed thru in (b).
6. Tell what you know of any two of the following:—Oliver Cromwell; The Black Prince; William the Conqueror.
7. Sketch the history of Annapolis Royal, or Louisburg, or Halifax.
8. Tell about the rise of responsible government in Canada.

9. Tell what you know of the Great War beginning 1914; the nations taking part, in what parts of the world battles have been fought, Canada's part.
10. Give dates for Free Schools in Nova Scotia; Dominion of Canada formed; Treaty of Aix La Chapelle; Battle of Hastings; Massacre at Grand Pre; Battle of Waterloo. Name ruling English king at each date.

MATHEMATICS.—VIII.

9 to 11 a. m., Friday, 29 June, 1917.

1. Multiply 7684321 by 698134. Answer of no value if not correct.
2. A merchant insured his stock for  $\frac{3}{4}$  of its value, at  $1\frac{1}{4}\%$ . The premium was \$91.50. What was the value of the stock?
3. Simplify 
$$\frac{2\frac{2}{3} + 3\frac{1}{2} + (4\frac{3}{8} \times 6\frac{2}{3}) - 6\frac{1}{2}}{3\frac{1}{4} + \frac{7}{8} + 1\frac{1}{2}}$$
4. How many meters are there in 300 yards? How many miles in 6 kilometers (1 meter equals 39.37 in.).
5. Find the simple interest on \$500 at 4% per annum, from January 1, 1916, to April 4, 1916.
6. How many yards of wire will be required to build a fence 5 wires high around a 12 acre field which is 60 rods long?
7. A School section is assessed for \$280,000. What amount does a rate-payer who is assessed for \$5,200 contribute towards the teacher's salary of \$700? What is the rate of taxation in that section?
8. If shingles are 4 in. wide and are laid 5 in. to the weather, how many hundreds will be required for a roof 40 ft. long and 16 ft. 8 in. from eaves to ridge?
9. (a) What is the value in dollars and cents of 160 yards of cloth at 8 shillings and six pence a yard? (b) What is the value in £ s. and d. of 438 pounds oatmeal at  $3\frac{1}{2}$  cents per pound?
10. When  $a=2$ ;  $b=3$ ; Evaluate:
  - (1);  $\sqrt{2(a^2 - b^2)(a + b) - 3(a^2 + b^2)} + \sqrt{5(b + a)}$
  - (2)  $\frac{(a + b)(b + a)}{(b - a)(b + a)} + a^2 - b^2.$

## GENERAL KNOWLEDGE.—VIII.

2 to 3.30 p. m., Friday, 29 June, 1917.

*(Ten questions only).*

(A certificate for a full course in *Mechani.* or *Domestic* science for a year, may count as three questions; but 40 points can be given only for the highest possible excellence in the course, 20 being the value of a merely passable course. In other words the certificate of any such course shall be valued from 0 to 40, according to the evident excellence of the candidate's training. Candidates receiving values for such certificates can receive no value for the answering of questions below on the subject of such certificate. If they answer more than *seven* questions below, they should get credit for the *seven* highest values. Questions 2, 4 and 6 must be answered by all.)

1. Indicate with drawings any work which you learned to do with tools; *or*, household work, such as sewing, cooking, gardening, etc. Describe the circumstances, whether at home or in school, under which you learned to do such work; *or*, present a certificate of a full course as indicated in the paragraph above.
  2. What kind of physical exercises have you been taking in school? Have you been a member of the Boys' Scouts, or Guides, or Church Brigades, or the like? What is the value of such exercises?
  3. Give a list of the songs you can sing, and a sample of the tonic sol-fa or staff notation—just two or three bars, enough to show you can read music.
  4. "Government Annuities" is said to be one means of aiding the desirable habit of thrift. Indicate what you think or know about the plan.
  5. What plants, birds and insects do you know to be injurious to food production? What birds and insects are useful, so far as you know?
  6. Why have alcoholic drinks been so extensively used in the world? Why are they being prohibited by law in many countries? What do you know about the progress of such prohibition in the world?
  7. What do you know about carbonic acid gas.
  8. What do you know about flame?
  9. Illustrate the law of the lever, and mention machines based on the lever.
  10. What is the good of phenological observations?
  11. Discuss any interesting problem in connexion with either (a) a mine; *or* (b) a garden; *or* (c) fishing; *or* (d) machines.
  12. Write on any subject of your oral lessons in school, or any subject you have been thinking much about, enough to show what you know or can do.
- [*Technical Course Questions* which may be substituted for Nos. 5, 7, 8, 10 above].
- (a) Tell what you know of the gas that causes explosions in a coal mine.
  - (b) Describe how a coal mine is ventilated.
  - (c) What do you know about the structure of a pump?
  - (d) What "Mechanical Powers" have you examined that would enable you to raise a heavier weight than you could lift? Describe one.

# PROVINCIAL HIGH SCHOOL EXAMINATIONS.

[For regulations and syllabus see pages 93 to 101, *Journal of Education*, April, 1917]

## GRADE IX.

### ENGLISH.—IX.

9 to 11 a. m., Monday, 25 June, 1917.

1. Give a brief description of Cranford society.
2. Tell what you can of the conversation between Wolsey and Cromwell; Or, of that between Anthony and the Roman citizens.
3. (a) Write short notes on "Abbot of Canterbury", "Sir Richard Grenville," "Horatius." (b) Write ten lines of poetry from the year's reading.
4. Tell what you know about (a) business letters and (b) friendly letters, showing what should be observed and what avoided.
5. What do you understand by time, correct pronunciation, grouping, stress in oral Reading?
6. (a) What is an Adjective. Write a note on the classification and comparison of Adjectives with illustrative sentences.  
(b) Define adverb, conjunction. Give the principal parts of the following verbs:—burst, pay, teach, work, fly, get, hang, tread.
- 7 and 8. Analyze the following sentence and parse italicized words:—  
The deep projections of the second story gave the *house* such a meditative look, that you could not pass it without the *idea* that it had secrets to *keep*, and an eventful history to moralize upon.

### FRENCH.—IX.

3 to 5 p. m., Monday, 25 June, 1917.

1. (a) Translate: Si vous faites la guerre en roi, répondez l'empereur, renvoyez-moi; si vous la faites en marchand, vendez-moi; si vous la faites en boucher, égorgez-moi. Le général renvoya le prisonnier sans rançon.  
(b) Give the Present Indicative of *faites*, and write the sentence: "Le général renvoya le prisonnier sans rançon," in the plural.
2. (a) By what words do you express the definite article in French? Translate: the man, the woman, the child, the men. Explain the contracted forms: *du*, *des*, *au*, and *aux*. How are they to be applied? Give short examples.  
(b) When the subject of an interrogative sentence is a *noun*, what form does the sentence assume? Explain and translate: Is the child's father here? Write down the Present Indicative of *avoir* and *être*.

3. (a) Translate: Les Romains, comme les Parisiens, aimaient à s'amuser, et les spectacles auxquels ils prenaient le plus grand plaisir, étaient des combats entre des hommes armés d'épées, et que l'on appelait gladiateurs.
- (b) "Les spectacles auxquels." Parse *auxquels*, and explain its construction.
4. (a) Give a list of conjunctive personal pronouns. What is their place in the sentence? Translate: I bring him the big book. He gives me his pen. What does the postman bring us? He brings them letters.
- (b) How do you express: *some, any*. (a) either expressed or understood with a noun; (b) when used as a *pronoun*? Translate: Have you any apples? I have some money in my pocket. I have some.
5. (a) Translate: Le maréchal de Saxe était d'une force extraordinaire. Un jour qu'il voulait en donner des preuves à quelques jeunes seigneurs, il entra chez un forgeron et s'informa si l'on pouvait forger son cheval.
- (b) "Il entra chez un forgeron." Write this sentence, (a) in the *interrogative* form, (b) in the *negative* form.
6. (a) What is the position of the *adjective*? Write a sentence in illustration. Give the *feminine* and the meaning of: *long, blanc, public, bon, sec*. Translate: There is a fine tree in our garden. An old man is at the door.
- (b) Which *relative* pronoun is used as the *subject*, and which one as the *direct object* of a verb? Translate as examples: This is a book which I do not like. The gentleman who is speaking is my uncle.
7. (a) Translate: Darius ayant écouté patiemment cette explication, comprit enfin qu'il serait plus sage de ramener sans délai les débris de son armée dans son royaume, que d'attendre l'effet des menaces des barbares. Il retourna aussitôt vers l'Ister dont il revit les bords avec une vive satisfaction.
- (b) How do you effect comparison of *adjectives*? Give instances. Write the comparative and the superlative of: *bon, mauvais, petit*.
8. (a) Translate: Un Arabe nommé Nabec possédait une jument si belle et si estimée, qu'un autre Arabe nommé Daher était comme fou du désir de l'avoir. Il offrit en vain pour elle ses chameaux et ses richesses. Jamais Nabec ne voulut lui céder sa belle jument.
- (b) Les livres que j'ai reçus sont bons. Translate this sentence, and give the rule for the agreement of the past participle *reçus*.

## DRAWING.—IX.

9 to 11 a. m., Tuesday, 26 June, 1917.

[Any eight questions to be answered].

1. One road is parallel to another. A straight path runs from one to the other 1760 yards long, making an angle of  $110^\circ$  with the roads. How far are the roads apart?
2. A gun having a range of 6 miles fires upon a ship bearing southeast from the gun, and 3 miles distant from it. Thereupon the ship sails in a southwest direction. How far must it go in this direction to be just out of range?
3. Make a diagonal scale to show miles and furlongs on which one inch represents one mile, and long enough to measure four miles. On the scale indicate 3 miles,  $2\frac{1}{2}$  furlongs.



4. Join the point (6, 7) to the points (8, 3) and  $(-2, 3)$ , and show that the angle between the two lines is  $90^\circ$ .
5. Making a working drawing of a glass tumbler 5 inches high, outside diameters of rim and base being respectively 3 and  $2\frac{1}{2}$  inches, and the glass  $\frac{1}{4}$  inch thick.
6. Draw a hooped barrel showing one end, so that one diameter of the ellipse shall be half the other diameter.
7. Draw any spring flower, and write, print or draw the name as beautifully as you can.
8. Draw any animal, bird or insect. Give name as in 7.
9. Draw any kind of leaf and outline a part of an ornamental border based on the conventionalized leaf.
10. Draw anything you choose, to show what you can do. Give name as in 7.
11. Tell what you know about color, what you have done in color work, and if possible give an illustration.

### GEOGRAPHY.—IX.

3 to 5 p. m., Tuesday, 26 June, 1917.

1. Define the following terms: Latitude, Longitude, Zone, Equator, Meridian, Climate, Horizon, Monsoon, Weather, Fog, Denudation.
2. Draw a map of New Brunswick. Name and locate the Coast Waters, Rivers, Lines of Railway and County Towns.
3. Discuss Canada under the following heads:—Law of Development, Countries mutually dependent, Highways of Trade, Commerce. *Or*, Explain the cause of Tides, using a diagram. Name the chief benefits arising from high tides in the Bay of Fundy.
4. Where and for what noted are the following:—Kimberley, Pretoria, Celebes, Honolulu, Ararat, Kootenay, Tiflis, Saloniki, Mons, Malta, Kirkwall, Bagdad, Cobalt, Exploits, Benares.
5. Sketch an outline map of the war area in Europe. Name and locate the places that have been prominent during the war. *Or*, make notes on India under the following heads:—History, Area, Physical Features, Climate, Population, Products, Exports, Imports.
6. Write the geography of Newfoundland, from the following heads: History, Area, Physical Features, Climate, Population, Products, Exports, Imports.
7. Give the area and population of the British Empire. The various dependencies are classified as Empires, Self-governing Colonies, Crown Colonies and Protectorates. Name these various divisions and describe the form of government in each.
8. Describe the general geography of Russia, giving the Boundaries, Area, Physical Features, Population, Chief Products, Exports and Imports. *Or*, Give the causes, direction and area of the Trade and Return Trade Winds. What effect have they on commerce, climate and vegation?

## ALGEBRA.—IX.

9 to 11 a. m., Wednesday, 27 June, 1917.

(a) What is an equation? An identity?

(b) Is the statement  $x - 1 + \frac{x + 3}{3} = \frac{5x + 6}{6} + \frac{x - 2}{2}$  an equation, or is it an identity? Give a reason for your answer.

(c) Upon what axioms does the process of solving a simple equation depend?

2. Solve and verify  $\frac{x}{12} - 1 + \frac{5x}{6} - \frac{5x}{4} = \frac{x - 12}{5} - \frac{x + 3}{3}$ .

3. (a) A square floor has a margin 2 feet wide all around a square carpet. The area of the margin is 160 sq. ft. Find the dimensions of the room. (b) A had four-fifths as much money as B, but after each had spend 25 cents, A had only three-quarters as much as B. How much had each at first?

4. Solve  $8x - 7y = 12$ .  
$$\frac{x - 2y}{4} + \frac{2x - y}{3} = 1.$$

5. A man has two farms rented at \$5 per acre, and the total rent is \$1100. When the rent of the first is reduced 20% and the second is increased 20%, the total rent is 1120. How many acres are there in each?

6. Find the factors of the following:—

(a)  $x^2 - xy + \frac{1}{4}y^2$

(b)  $2x^4 - 32$

(c)  $a^4 - 13a^2 + 36$

(d)  $2m^3 - 18m$

(e)  $a^2(x^2 - y^2) - b^2(x^2 - y^2)$

7. Simplify  $\frac{a^2 - b^2}{a^2 - 3ab + 2b^2} \times \frac{a^2 + 2ab - 8b^2}{a^2 - 2ab - 3b^2} \div \frac{a^2 + 3ab - 4b^2}{a^2 - 4ab + 3b^2}$

8. Divide  $x^4 + 4x^3 + 6x^2 + 4x + 1$  by  $x^2 + 2x + 1$  and check by substituting  $x = 10$ .

## SCIENCE —IX.

3 to 5 p. m., Wednesday, 27 June, 1917.

(N. B. Give descriptions in your own words, not as tho you had learned them by rote from a book, which you might do without any real knowledge of the subject. Any description of plant or of experiment should be given in a manner suitable to your grade, not merely in such a way as might be passable in a lower grade. Good drawings obtain extra marks, but do not take the place of verbal descriptions, tho they are likely to make the verbal description easier than it otherwise would be. Each question is intended to test the candidate's knowledge, hence the same description should not be given in answer to two questions, as credit will be given only once. Keep each part of a question quite distinct, and give such headings as will let the examiner know just what you are describing. For instance, in the first question, give the name of the flower very distinctly before the description of the parts).

1. Tell what you know about the number and arrangement of stamens in *hepatica*, *dandelion*, *adder's tongue lily*. (dog-tooth violet), *cherry*, *star-flower*, *lady's slipper* and *lambkill*. Or Describe half a dozen different forms of corolla giving an example for each form.

2. Describe a seed giving its different parts and markings. Or, Tell what you can about the survival of the fit and the breeding of plants.

3. Explain the different means by which plants climb. Or, Give experiments to show that plants give off oxygen and moisture (transpiration).

4. Give the microscopic structure of any part of any plant, making quite clear what part is represented. *Or*, State the law of the lever and give examples.
5. How are plants propagated by cuttings, layering and budding? *Or*, The handle of a jack-screw is 21 inches long, the pitch is  $\frac{1}{2}$  inch, the head weighs 28 pounds, and a weight of 500 lbs is on the head. What force would just balance the weight if there were no friction?
6. Write a short account of bacteria, *Or*, of yeasts, *Or*, State the law of the inclined plane with an example.
7. What are the solid constituents of the soil? Which are the most important for plants?
8. Give the law of the pulley with illustrative examples. *Or*, Describe any *two* weeds telling to what family they belong.

LATIN—IX.

9 to 11 a. m., Thursday, 28 June, 1917.

1. Decline together *equestre proelium* and *totus numerus*. Also decline *unus*, *duo* and *tres*.
2. Conjugate the verb *sum* in the present, future and future perfect indicative. Explain what is meant by the Principal Parts of a Latin verb. Give the principal parts of *do*, *jubeo*, *video*, *gero* and *pono*.
3. Write brief sentences in Latin illustrating the following constructions—(1) Partitive Genitive; (2) The Ablative of Comparison; (3) The Ablative of Means; (4) The Accusative as subject of the Infinitive Mood.
4. Write the first ten numerals both cardinal and ordinal. Explain uses of *mille* and *millia* respectively.
5. Translate into Latin: (1) On the journey he learns thru scouts of the safety of the legions. (2) It is difficult to conquer a free people. (3) On the score (*causa*) of friendship you will not hesitate to grant lands to your neighbors. (4) The next night they take possession of the higher places.
6. Translate into Latin: (1) He will leave three legions and will lead forth four from winter quarters. (2) He ordered the whole mountain to be filled with men. (3) Thou wilt hear nothing; thou wilt see all things. (4) Then Horatius leaped from the bridge into the middle of the river.
7. Translate into English: (1) *Belgae a provincia longissime absunt.* (2) *Primo populus Romanus regibus parebat.* (3) *Certo anni tempore convenire jussi eramus.* (4) *De communi salute desperavimus.*
8. Translate into English: (1) *Sed non aequum est multos amicos necare propter injurias paucorum inimicorum.* (2) *Copius cotidie imperat; principibus imperaverat.* (3) *Ita fortitudo unius viri toti rei publicae libertatem dedit.* (4) *Post discessum exercitus litteras ad senatum misit.*

## ARITHMETIC.—IX.

3 to 5 p. m., Thursday, 28 June, 1917.

1. Divide 12 lb. 11 oz. 7 dr. 19 gr. by 11; and 21 lb. 2 oz. 6 gr. by 17 and add the results. (Accuracy required).
2. A school room is 32 ft. long, 24 ft. wide and 10 ft. high. What is the distance from a corner at the floor to the corner farthest away, at the ceiling?
3. What per cent is gained by a druggist who sells 1 lb. Apothecaries' for what 1 lb. Avoirdupois cost him?
4. The taxable property in a school section is \$38,600 and there are 18 persons who pay a poll tax of \$2 each. When it is necessary to raise \$540 for school purposes, what must a ratepayer pay whose real estate is valued at \$920, and his personal property at \$275?
5. A person buys a property for \$8,625 which he lets for a rental of \$500 per annum. If he pays 5% income tax on his rental and an average of \$86½ a year for repairs what rate per cent. does he get on his outlay?
6. What is the cost to a wholesale dealer of an article which is retailed at \$1.60 if the retailer makes a profit of 20% and the wholesale dealer one of 28%?
7. Find the amount of \$750 for 1½ years at 6%, compound interest, payable half-yearly.
8. The sum of \$725.25 was loaned on March 15th, 1916, at 6%. Payments were made as follows:—April 3rd, \$170; May 20th, \$245.30; June 17th, \$87.50. How much was due Sept. 5th, 1916?

## GRADE X.

## ENGLISH.—X.

9 to 11 a. m., Monday, 25 June, 1917.

1. Give a summary of Mr. Asquith's speech on the death of King Edward VII.
2. Give the substance of Sir Wilfred Laurier's remarks on Mr. Gladstone, (a) as an orator, (b) as a statesman.
3. Write a short note on each of the following:—(a) Horatius. (b) The heroes of Magersfontein. (c) King John and the Abbot of Canterbury.
4. What is meant by "exposition by analogy?" Write a note on "the choice of words." Illustrate by examples.
5. What is meant by a "figure of speech?" Mention three figures of speech and give an example of each.
6. Give the definition of an "adverb." Into what two *general* classes are adverbs divided? Give an example of each.
7. Define:—"Syntax," "Concord," "Government." What is the natural order of words in an English sentence.
8. Give an account of the circumstances which led to the theft of Silas Marner's money.

Note.—In marking the answers to question *eight*, special attention will be paid to quality of composition.

GREEK—X.

11 a. m. to 1 p. m., Monday, 25 June, 1917.

1. Decline in all numbers: (1) the nouns *θάλαττα*, *ἄρμα*, *ἄνθρωπος*; (2) the adjective *πᾶς*; (3) the pronoun *ὅδε*.

2. Classify the Greek prepositions according to the following schedule: (1) Governing genitive only, (2) governing dative only, (3) governing accusative only, (4) governing genitive and accusative, (5) governing genitive, dative, and accusative.

3. Conjugate the present indicative of *εἰμί*. (b) When does *ἐστί* become *ἐστίν*? When *ἔστι*?

4. Define augment. Describe and illustrate its forms. Write the imperfect indicative active of *πράττω*, *ἄγω*, *ὀρμάω*, *ἐρωτάω*, *ἔχω*.

5. Translate into English: (1) *τὸν Πέρσην ἤγαγεν εἰς τὴν τοῦ στρατιώτου σκηνήν.* (2) *τὴν χώραν ἀρπάζεις ἐκ θαλάττης εἰς θάλατταν.* (3) *οὐκ ἐκεκελεύκει τοὺς στρατιώτας θύειν.* (4) *ἐπεὶ ἔλυσαν τὰς σπονδὰς τὰς κόμας διαρπάσομεν.* (5) *ἅμα δὲ ἐπέπεμψο, ὃ Πιρόξενε, ἐπὶ τὴν γέφυραν.*

6. Translate into English: (1) *ἐπορεύετο ἂν ἐπὶ τοὺς πολεμίους, εἰ στρατεύμα εἶχεν.* (2) *εἰ ὁ ποταμὸς μὴ πεζῇ διαβατὸς εἴη, πλοῖα συνάγοιεν ἂν.* (3) *ἐὰν φίλον ποιήσης τοῦτον, ὠφελήσει.* (4) *ὅτι ἀπορὸν ἐστὶ πάλιν πορεύεσθαι εἰς τὴν Ἑλλάδα ἄνευ τῶν ἐπιτηδείων.*

7. Translate into Greek: (1) Cyrus did not send provisions to the garrison. (2) Cyrus sent five months' wages. (3) The next day a messenger came saying that Syennesis had fled. (4) He saw the tents where the Cilicians were keeping guard. (5) For all will admire (wonder at) this expedition.

8. Translate into Greek: (1) They ask Cyrus for ships. (2) By the gods, I shall not pursue them. (3) Therefore I command you to cross the river without delay. (4) There is a risk that (*μὴ*) the enemy march against them during the night.

FRENCH—X.

3 to 5 p. m., Monday, 25 June, 1917.

1. (a) Translate: *Ah! mes enfants, s'écria-t-il, cette bonne bête nous a sauvés! Je m'explique pourquoi elle se refusait à marcher. Nous nous trouvons au bord d'un gouffre à pic... Nous avons évité une chute horrible, et avons échappé à une mort certaine.*

(b) *S'écria-t-il.* Write down the present Indicative of the reflexive verb *s'écria*. Translate: How are you to-day?

2. (a) How do you express *whose* depending on a noun governed by a preposition? Translate: This is the gentleman with whose sons we often play. Whose son are you? Whose book is this? (*whose* assumes a different form in these two sentences).

3. (a) Mon cher cousin.—Votre lettre m'arrive bien à propos. Je pensais justement à l'emploi de mes vacances et je serai ravi de visiter ce Paris que les Français appellent le centre intellectuel de l'univers. Vous pouvez compter sur moi.
- (b) *Que* les Français. Illustrate the use of *que*: (a) as a conjunction; (b) as an interrogative pronoun.
4. (a) Illustrate, giving short examples, the use of: *il y a*. How do the French express conditions of the weather? Translate: This morning it is freezing quite hard, but it is fine. Interpret the expressions: Il faut un chapeau à Jean. Il leur faudra étudier davantage.
- (b) *On* with an active verb, or the *reflexive* construction are used to express the English *passive*; translate for examples: I have been deceived. My question has been answered. This book is published in Paris.
5. (a) Translate: Vous savez que Paris a toujours été fortifié A mesure que la ville a grandi, il a donc fallu de temps en temps construire de nouveaux murs. On démolissait les anciens et sur la place qu'ils occupaient, s'étendent aujourd'hui les Boulevards.
- (b) Give principal parts of: *savez, grandi, étendent*.
6. (a) What distinction is to be made between: donnez-moi une autre plume, and donnez-moi encore une plume. Give a summary of the principal *negative* forms, and translate: We haven't done anything wrong. Do you wish anything? Nothing, thank you.
- (b) Write down the present Indicative of the reflexive verb *s'habiller*. Explain the agreement of the *past participle* in the sentence: Vos frères se sont-ils déjà couchés
7. (a) Translate: Le train de nuit part à neuf heures du soir. Nous irons à la gare déposer nos bagages à la consigne, et nous pourrons ensuite disposer à notre gré du peu de temps qui nous reste. S'il vous plaît, monsieur, par où est la consigne?
- (b) Give principal parts of: *part, irons, pourrons*, and write the present Indicative of *irons*.
8. (a) Translate: Que l'on songe à notre situation, et l'on m'excusera sans doute. Je grelottais, des glaçons pendaient à mes cheveux; la neige m'aveuglait; mes doigts étaient engourdis. La faim et la soif me tenaillaient l'estomac.
- (b) Write down the present subjunctive of *étaient*. Translate: I wish you to do your exercises. I doubt that the news (la nouvelle) is true.

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 GERMAN.—X.

11 a. m. to 1 p. m., Tuesday, 26 June, 1917.

1. (a) Translate: Die Amasonen fochten zu Pferde, und Herkules und seine Begleiter zu Fuss, und wenn Herkules nicht da gewesen ware, so wurden die Frauen gesiegt haben. Aber Herkules schlug sie in die Flucht, und nahm Hippolyta gefangen.
- (b) Ware: Account for the position of this verb, and write down the infinitive, the imperfect and the past participle of it.
2. (a) Decline in the 4 cases singular and plural: *der die, das* and translate: The trees of the garden. To the friends of the brother.

- (b) Explain the position of the *verb* in the *normal* order, in the *inverted* order and in the *transposed* order, and translate for exs. The boy bought a new book. Today we shall have a holiday. He said that his brother has had a great deal of pleasure.
- (a) Translate: Als König Konrad III. den Herzog Wolf im Jahre 1140 geschlagen hatte, belagerte er die Stadt Weinsberg. Die Einwohner wehrten sich aber so hartnäckig, dass der erzürnte König schwor, die Stadt zu erobern und die Bürger niederzumachen.
- (b) Belagerte *er*: Give reason for the position of *er* in this clause, and decline this word in the 4 cases singular and plural.
4. (a) Show, giving examples, how the verbs: *haben*, *sein* and *werden* may be used as *auxiliary* verbs and write the present Indicative of *haben* and of *werden*.
- (b) Translate into German: The English have had many wars against the French. We would have had more pleasure, if we had had fine weather.
5. (a) Translate: Vorgestern trat ich in ein türkisches Kaffeehaus; in einem kleinen Garten, über dessen Mauern hinweg man eine prachtvolle Aussicht auf den Bosphorus und die asiatische Küste hat, sassen mehr als hundert Männer auf niedrigen Rohrschemeln und rauchten das Nargileh oder die Wasserpfeife.
- (b) Give the infinitive and the imperfect of: *trat* and *rauchten*. How do you distinguish between *regular* and *irregular* verbs?
6. (a) Decline in the 4 cases singular and plural: dieser grüne Baum. Give the comparative and the superlative of: *gut*, *viel*, *hoch*, *kurz*.
- (b) Translate into German: Whose house have you bought? Which book are you reading (*lesen*)? What kind of flower have you?
7. (a) Translate: Ein hungrigers Fuch kam einst in ein Dorf und sagte zu einem Hahn: "O mein Herr Hahn, welche schöne Stimme hat dein Herr Vater gehabt! Ich bin hierher gekommen, um deine Stimme zu hören. Singe doch, damit ich hören möge, ob du eine bessere Stimme habest oder dein Vater."
- (b) *In* ein Dorf. Mention the prepositions that govern two cases, state when they require the one, when the other case, and give an example for each case.
8. (a) Translate: Der gerettete, aber undankbare Mann wurde also wieder ins Wasser geworfen und da er sich nicht selbst retten konnte, so ist er bei dieser Gelegenheit auch ertrunken.
- (b) Write the first part of this extract as far as *geworfen*, in the plural. Account for the position of *konnte*.

GEOMETRY.—X.

9 to 11 a. m., Tuesday, 26 June, 1917.

1. Prove the three angles of a triangle together equal to two right angles, and from this proposition state two inferences that may be drawn therefrom.
2. The sides AB, AC of the triangle ABC are produced, and the exterior angles are bisected by BO and CO. Prove that the angle  $\text{BOC} = 90^\circ - \frac{A}{2}$

3. A surveyor wishes to ascertain the breadth of a river which he cannot cross. Standing at a point A near the bank, he notes an object B immediately opposite on the other bank. He lays down a line AC of any length at right angles to AB, fixing a mark at O the middle point of AC. From C he walks along a line perpendicular to AC until he reaches a point D from which O and B are seen in the same direction. He now measures CD: Prove that the result gives him the width of the river.

4. If a straight line is drawn thru the middle point of a diagonal of a parallelogram and terminated by a pair of opposite sides, prove that the straight line thus drawn is bisected at that point; also, that it bisects the parallelogram.

5. Prove that the straight line which joins the middle points of two sides of a triangle is parallel to the third side.

6. By two different methods draw a straight line perpendicular to a given straight line at a given point in it.

7. Prove two right angled triangles which have their hypotenuses equal, and one side of the one equal to one side of the other, are equal in all respects.

8. P is any point within the angle BAC. Draw a straight line thru P and terminating in AB and AC so as to be bisected at P.

### ENGLISH HISTORY.—X.

3 to 5 p. m., Tuesday, 26 June, 1917.

1. Give a short account of the Civil Wars in the reign of Charles I? Or, "Until the time of George II, English agriculture was very primitive;" show the changes that have taken place since that period.

2. State the causes of the revolt in Ireland in 1641. What led to the Grand Remonstrance?

3. Write a short note on the Declaration of Breda, with date. Or, Tell what you know of the various battle-fronts in the present European War?

4. Tell what you know about (1) The Act of Settlement, (2) The Septennial Bill, (3) Blockades and the "Right of Search" at sea. Or, write a note on the chief social changes in England during the reign of Queen Victoria.

5. Tell what you know of the following:—Sir Robert Walpole, Duke of Marlborough, Henry Grattan, Sir John French, Gen. Louis Botha.

6. What is the meaning of "prorogue" and "dissolve" as applied to Parliament?

7. How often does Parliament meet and what constitutes a "session"?

8. What are the duties of the Minister of Justice and the Secretary of State?

### ALGEBRA.—X.

9 to 11 a. m., Wednesday, 27 June, 1917.

1. Simplify  $85 \left[ \frac{3x-4y}{5} - \frac{1}{10} \left\{ 3x - \frac{5}{7}(7x-4y) \right\} \right] + 8(y-2x)$ .



2. Find the highest common factor of the following expressions:

$$\begin{aligned} &3x^4 + 8x^3 + 4x^2 \\ &3x^5 + 11x^4 + 6x^3 \\ &3x^4 - 16x^3 - 12x^2 \end{aligned}$$

3. Simplify  $\frac{x^2 - 64}{x^2 + 24x + 128} \times \frac{x^3 + 12x - 64}{x^3 - 64} \div \frac{x^2 - 16x + 64}{x^2 + 4x + 16}$ .

4. Divide  $1 - \frac{3xy}{(x+y)^2}$  by  $1 - \frac{xy}{x^2 - xy + y^2}$  and find by inspection the square root of the quotient.

5. Simplify  $\left\{ \frac{2}{x} - \frac{1}{a+x} + \frac{1}{a-x} \right\} + \left\{ \frac{a+x}{a-x} - \frac{a-x}{a+x} \right\}$

6. Solve  $\frac{7}{x-4} - \frac{60}{5x-30} = \frac{10\frac{1}{2}}{3x-12} - \frac{8}{x-6}$

7. A person swimming in a stream which runs  $1\frac{1}{2}$  miles per hour, finds that it takes him four times as long to swim a mile up the stream as it does to swim the same distance down. At what rate does he swim?

8. Solve the following equations:—

[a]  $\frac{1}{1+x} - \frac{1}{3-x} = \frac{6}{35}$

[b]  $7(x+2a)^2 + 3a^2 = 5a(7x+23a)$ .

CHEMISTRY—X.

3 to 5 p. m., Wednesday, 27 June, 1917.

- Name and define four classes of chemical action (chemical change).
- Write an equation to represent each of the classes of reactions mentioned in question 1. [If you cannot remember formulae you may simply write the names of all the reacting substances, provided that in the case of compounds you indicate the elements present].
- What are the most characteristic properties of (a) acids? (b) bases? Give two general methods for the preparation of salts.
- Two compounds give on analysis, the following:—(a) oxygen, 53.25%, nitrogen, 46.75%, and (b) oxygen, 69.49%, nitrogen, 30.51%. Show that these compounds illustrate the law of multiple proportions.
- A lime manufacturer owns a limestone quarry which contains rock averaging 95% calcium carbonate. How many pounds of this rock must be used to produce one ton (2000 lbs.) of lime? [Ca = 40, O = 16, C = 12].
- Describe, with sketch of apparatus, a method of preparing carbon dioxide. What practical uses has this gas?
- Describe an iron blast furnace, with a sketch. State what substances are put in at the top and what near the bottom, with the purpose of each; also what substances are taken out at the bottom and what at the top, with the uses of each as far as possible.

8. Discuss the source and nature of impurities in natural waters. Describe laboratory methods of water purification, mentioning the kinds of impurities removed in each case. In the purification of water on a large scale, what modifications of the laboratory methods are made?

### LATIN—X.

9 to 11 a. m., Thursday, 28 June, 1917.

1. Decline thruout: *opus difficile, prudentius consilium, alia manus*. Assign supines to *cogo, desilio, expello, peto, rumpo, jubeo, tollo*.

2. (a) Distinguish in both form and meaning between the active and passive periphrastic conjugations, giving illustrations of each from *do*. (b) How is agency regularly expressed in Latin? Note an important exception.

3. How is the idea of *purpose* usually expressed in English? How most commonly in Latin? In Latin if the clause of purpose is negative how is it introduced? Distinguish between *abdidit* (hid) *se, ne caperetur* and *abdidit se ut non caperetur*.

4. "The Latin equivalents of a number of English transitive verbs govern the dative." Illustrate this statement as fully as you can, giving both English and Latin forms of the verbs in question. Write a short sentence illustrating the construction after *utor*.

5. Translate into Latin: (1) The plan of the barbarians was unknown not only to me but also to thee. (2) While they were fortifying the camp no enemy was seen. (3) There are several (complures) islands, the greater part of which is inhabited by barbarians. (4) He asks why (*cur*) they are unwilling to restore the things which they had taken.

6. Translate into Latin: (1) He ordered our men to make an attack. (2) So great was the fear of death that the withdrawal (*discessus*) of the forces seemed to be like a flight. (3) He inquired for what reason they had sent the messengers. (4) The daughter is said to have been very like her mother.

7. Translate into English: (1) *Ex duabus partibus, in quas vicus flumine dividitur alteram Gallis concessit, alteram legioni.* (2) *Se suaque omnia ei dederunt.* (3) *Inopiam frumenti veritus, constituit non progredi longius.* (4) *Sperabant Caesarem Germanos agros vastare prohibiturum.*

8. Translate into English: (1) *Galli jam (now) senserunt arcem obsidentam non oppugnandam esse.* (2) *Uter fuerit utilior amicus intellegimus.* (3) *Reperire jussus est quem usum belli haberent Britanni.* (4) *Eo cum pervenisent, paucos dies ibi morati sunt.*

### ARITHMETIC.—X.

3 to 5 p. m., Thursday, 28 June, 1917.

1. A box without a lid, whose internal length, breadth and depth are, respectively, 28 in., 16 in., and 9 in. is made from board one inch in thickness, such that a square foot of it weighs 4 lbs. Find the weight of the box.

2. What will \$86 amount to in 3 years, interest at 3% compounded semi-annually?

3. The sum of £250, 17s., 6 d. is transmitted thru Paris to Ottawa. Find its value in Canadian currency when £1 = 24.79 francs and 6.2 francs = \$1.25.

4. If by selling an article for \$38.25, 8% be lost, what per cent is lost or gained by selling it for \$57?

5. A and B enter into a speculation; A contributes \$250 and B \$225. At the end of 4 months A withdraws half his capital and at the end of 6 months B withdraws one-third of his; C then enters with a capital of \$350. At the end of 12 months the profits of the concern are \$1270. How should this gain be divided at end of year?

6. A person invests \$5,000 in 3 per cents at 75, and when they rise to 78 he sells out and invests the proceeds in bank shares at 208, which pays a dividend of 8%. How has his income been affected by the change?

7. On a note dated Jan. 1st 1916, for \$1500, the following payments were made; March 16, \$100; June 13, \$400; Sept. 1st, \$200. What was due Jan. 1st, 1917, interest at 6%.

8. A circular plate of lead 2 in. thick and 8 in. in diameter, is converted, without loss and without change of density, into spherical shot of .05 in. in radius. Find the number of shot.

## GRADE XI.

### ENGLISH.—XI.

9 to 11 a. m., Monday, 25 June, 1917.

1. Give a brief account of the meeting of the conspirators in Brutus' Orchard.
2. Give the substance of Brutus' speech to the citizens after the murder of Caesar.
3. Explain the italicised words in the following:—
  - (a) "Swear priests and cowards and men *cautulous*."
  - (b) "Why do you cross me in this *exigent* "
  - (c) "Do not talk of him  
But as a *property*."
  - (d) "Thy life hath had some *smatch* of honour in it."
  - (e) "You have right well *conceited*."
4. Give a brief description of Johnson's early life in London.
5. What are Macaulay's comments on Johnson's "Dictionary," "Rasselas," "Lives of the Poets?"
6. Give an account of the life of Edmund Spenser. What are his principal works?
7. Mention three of the principal prose writers of the first half of the eighteenth century. Give a short biographical sketch of Carlyle, and mention two of his principal works.
8. Give an account of David Balfour's visit to his uncle.

Note—In marking the answers to question *eight*, special attention will be paid to quality of composition.

## GREEK—XI.

11 a. m. to 1 p. m., Monday, 25 June, 1917.

1. Decline thruout the following nouns : ἱππεύς, γέρον, βοῦς, νοῦς.

Give principal parts of καλέω, μάχομαι, λείπω, ἄγω, πράττω.

2. State meaning of the following verbs and the cases which they respectively govern : ἄρχω, χράομαι, βοηθέω.

Distinguish and name the four constituent elements of ἐλελύκη.

3. Explain the cases of all nouns found in the following sentences : (1) γένει προσήκω τῷ Ἄρταξέρξῃ ἦν. (2) ἐπάυσατο τῆς κραυγῆς. (3) Κύρω ἐπιβουλεύει. (4) θᾶπτον τῶν ἵππων ἔτρεχον. (5) ἡγεμόνα αἰτεῖτε Κύρον.

4. Translate into Greek : (1) We will trust the guide that Cyrus sends. (2) When the soldiers heard (this) they were violently enraged at Clearchus. (3) Cyrus called together his soldiers and spake as follows :

5. Translate into Greek : (1) Thus died Cyrus, a man most worthy to rule. (2) In that place Cyrus has a palace and a great park. (3) All the soldiers love that general. (4) On that very day, they departed.

6. Translate : τοῖς δὲ ὑποψία μὲν ἦν ὅτι ἄγοι πρὸς βασιλεία, ὅμως δὲ ἐδόκει ἔπεσθαι. προσαιτοῦσι δὲ μισθόν· ὁ δὲ Κύρος ὑπισχνέται ἡμιόλιον πᾶσι δώσειν οὐ πρότερον ἔφερον, ἀντὶ δαρεϊκοῦ τρία ἡμιδαρεϊκὰ τοῦ μηνὸς τῷ στρατιώτῃ· ὅτι δὲ ἐπὶ βασιλεία ἄγοι οὐδὲ ἐνταῦθα ἤκουσεν οὐδεὶς ἔν γε τῷ φανερωῖ.

Explain the syntax of οὐ, μηνὸς, στρατιώτῃ.

7. Translate : Ω ἄνδρες Ἕλληνες, οὐκ ἀνθρώπων ἀπορῶν βαρβάρων συμμάχων ὑμᾶς ἄγω, ἀλλὰ νομίζων ἀμείνους καὶ κρείττους πολλῶν βαρβάρων ὑμᾶς εἶναι, διὰ τοῦτο προσέλαβον. ὅπως οὖν ἔσεσθε ἄνδρες ἄξιοι τῆς ἐλευθερίας ἧς κέκτησθε καὶ ἧς ὑμᾶς ἐγὼ εὐδαιμονίζω. εὐ γὰρ ἴστε ὅτι τὴν ἐλευθερίαν ἐλοίμην ἂν ἀνθ' ὧν ἔχω πάντων καὶ ἄλλων πολλαπλασιῶν.

Account for cases of ἀνθρώπων, βαρβάρων (after πολλῶν), ἐλευθερίας, ἧς (in each case of occurrence). Parse ἴστε.

8. Translate : Κύρος δ' ὄρων τοὺς Ἕλληνας νικῶντας τὸ καθ' αὐτοὺς καὶ διώκοντας, ἡδόμενος καὶ προσκυνούμενος ἤδη ὡς βασιλεὺς ὑπὸ τῶν ἀμφ' αὐτὸν, οὐδ' ὡς ἐξήχθη διώκειν· ἀλλὰ συνεσπειραμένην ἔχων τὴν τῶν σὺν ἑαυτῷ ἑξακοσίων ἱππέων τάξιν ἐπεμελείτο ὅ τι ποιήσει βασιλεὺς. καὶ γὰρ ᾔδει αὐτὸν ὅτι μέσον ἔχοι τοῦ Περσικοῦ στρατεύματος.

Parse ἐξήχθη and ᾔδει.

## FRENCH—XI.

3 to 5 p. m., Monday, 25 June, 1917.

1. (a) Translate: J'étais seul, j'étais à cheval, j'avais un bon manteau blanc, un habit rouge, un casque noir, des pistolets et un grand sabre; il pleuvait à verse depuis quatre jours et quatre nuits de marche, et je me souviens que je chantais à pleine voix. J'étais si jeune!  
(b) *Je me souviens.* Write the Future of this reflexive verb and translate, I do not remember having seen him.
2. (a) Give principal parts of: *pouvoir, vouloir, voir* and the present Subjunctive of *voir*.  
(b) Distinguish between *pouvoir* and *savoir*, both meaning *can*. Translate: My sister can sing very well, but she is ill and cannot sing this evening. I cannot believe it.
3. (a) Translate: A dix heures et demie, sa femme le vit prendre son fusil rouler un sac de toile grise sous son bras et sortir. Elle n'osa lui demander où il allait; car Guillaume n'était pas homme à rendre des comptes à une femme.  
(b) Why is *demie* feminine? Give principal parts of: *prendre* and *sortir*.
4. (a) Illustrate with an example the ordinary meaning of *devoir*. It is used idiomatically in the sense of "to be to" Translate for exs. He ought to have come sooner. He was to speak at the meeting. You ought not to speak of it.  
(b) Interpret the following expressions: Il est venu me voir Il vient de les voir. Il venait pour me voir. S'il venait à voir le livre. Form a sentence, each, with: *de peur de* and *de peur que*.
5. (a) Translate: Alors je me dis: Hurel si ces gueux passent, ils pilleront ta charrette....."Montre que tu es Français!" J'avais encore mes deux bras. J'ôte mes souliers, ma blouse, ma veste, et me voilà parti! Quel froid il faisait dans cette eau de neige!... Vous ne pourrez jamais le croire.  
(b) Write the present Indicative of *dis* and of *parti*.
6. (a) In what case is the verb of a *that* clause in English rendered by a direct infinitive in French? Translate: I thought (that) I saw you pass an hour ago. I hope I shall be able to take a trip next summer. I hope you can go with me.  
(b) Illustrate the use of the subjunctive: (a) in *adjectival* clauses; (b) in *adverbial* clauses; with one example for each case. Interpret the following sentences: Qui que tu sois, parle. Quoi que vous fassiez, faites-le bien.
7. (a) Translate: Elle s'imagina qu'elle n'entendait pas ce bruit pour la première fois: elle s'effraya d'avoir été suivie, et tenta d'aller plus vite encore, afin d'atteindre à une boutique assez bien éclairée, espérant pouvoir vérifier à la lumière les soupçons dont elle était saisie.  
(b) Show how comparison is effected in French. Give the comparative and the superlative of: *bon, bien, mal, mauvais*. Translate: The English have taken more than twenty thousand prisoners.
8. (a) Translate: "Comment cela est-il arrivé?" Mon cher, répliqua-t-il en riant, "les grands effets sont souvent produits par les causes les plus petites."... J'ai donné ma démission pour deux pêches." "Deux pêches?" "Ni plus ni moins." Quand nous aurons pris le café, je te conterai cela.  
(b) Indicate the position of conjunctive personal pronouns in the sentence, and translate: Charles often lends you books. He does not lend me any. Lend him some.

## GEOMETRY.—XI.

9 to 11 a. m., Tuesday, 26 June, 1917.

1.  $ABC$  is a triangle, and  $R$  and  $Q$  the middle points of the sides  $AB$ ,  $AC$ . Prove that if  $BQ$  and  $CR$  intersect in  $X$ , the triangle  $BXC$  is equal to the quadrilateral  $AQXR$ .
2. A ladder 50 feet long is placed so as to reach a window 48 feet high; and on turning the ladder over to the other side of the street, it reaches a point 14 feet high. Find the breadth of the street.
3. In every triangle the square on the side subtending an acute angle is equal to the sum of the squares on the sides containing the acute angle diminished by twice the rectangle contained by one of these sides and the projection of the other side upon it.
4. Draw a square equal in area to a given rectangle, and indicate how you would proceed if required to draw a square equal in area to any given rectilinear figure.
5. Draw two tangents to a circle from an external point, and prove that they are equal and subtend equal angles at the center.
6. Find to the nearest hundredth of a square inch the difference between the areas of the circumscribed and inscribed circles of an equilateral triangle each of whose sides is 4 inches.
7. Two parallel chords of a circle on the same side of the center are 6 inches and 8 inches in length respectively and the perpendicular distance between them is 1 inch. Find by calculation the length of the radius.
8. Cut off from a given five sided rectilinear figure a sixth part of its whole area by a straight line drawn from one of its angular points.

## GERMAN—XI.

11 a. m. to 1 p. m., Tuesday, 26 June, 1917.

1. (a) Translate: Er spielte immer zarter und leiser, als wenn er beabsichtigte Kinder einzuschläfern, bis er entdeckte, dass seine Zuhörer nach und nach sämtlich entschlummert waren. Geräuschlos verliess der junge Künstler den Saal und schlich zu seinen Eltern und Geschwistern.  
(b) Give the Infinitive and the past participle of: *spielte, entdeckte, verliess, schlich*.
2. (a) What form does the past participle of a modal auxiliary assume when constructed with an *infinitive* Translate for examples: I have not been able to come. The children have not been allowed to go into the garden.  
(b) What auxiliary is used in forming the *true passive* (passive action)? Translate for examples: A good workman is always well paid. The book which was lost, has been found.
3. (a) Translate: Die meisten Blumen öffnen sich bei Tag und zwar zu bestimmten Stunden, manche aber erst des Nachts, wenn die andern sich schliessen. Die meisten öffnen sich des Morgens früh. Es gibt Blumen, die sich öffnen, sobald die Sonne erscheint.  
(b) Give the imperfect and past participle of *schliessen*. What meaning would the following separable and inseparable prefixes impart to this verb: *ver, be, auf, zu*; explain.

4. (a) What class of verbs always have the impersonal subject *es*? give instances. Interpret the following impersonal idioms: *Es thut mir leid. Es fragt sich. Es gelingt mir.*
- (b) Write down the names of the days and months.
5. (a) Translate: *Als ich zu Hause das Papier öffnete, fand ich zwanzig Louisdors. Nun erschrak ich zum zweiten Male. Dieser freudige Schrecken that eine mächtige Wirkung auf mein Herz. Nicht das Geld—blosses Geld kann diese Freude nicht erregen, die ich fühlte.*
- (b) Give reason for the position (a) of *öffnete*; (b) of the *subject* in the principal clause: fand *ich* zwanzig Louisdors.
6. (a) If in a compound sentence the *dependent* clause precedes the *principal*, what change occurs in the latter? Compose a sentence in illustration.
- (b) Translate into German: He slept while I was reading. The sun had set before we arrived at our journey's end.
7. (a) Translate: *Zwölf wohlbewaffnete Jäger trafen nach ein paar Tagen in der Abtei ein, und wollten die Jagd beginnen. Allein es fiel so dicker Schnee, dass kaum durchzukommen war, jeder Gedanke an eine Wolfsjagd musste aufgegeben werden.*
- (b) Give principal parts of: *fiel, war, aufgegeben.*
8. (a) Translate: *Der Fremde fing nun an zu spielen, dass der Alte seine Geige neugierig betrachtete, als of er sie fragen wollte, wo sie denn den wundervollen Ton her habe und warum sie den dem Fremden leihe und nicht ihm. Er kannte sie nicht mehr.*
- (b) *Fing an zu spielen.* Explain the nature of the word *an*. When and how is the position of this word changed? Use the same sentence for your illustrations.

### ANCIENT HISTORY.—XI.

3 to 5 p. m., Tuesday, 26 June, 1917.

1. Write a short account of the Early Inhabitants of Italy.
2. Tell what you know of the End of the Persian Empire; Or sketch in chronological order, the principal events during the present war in the Empire of Turkey.
3. Briefly discuss the Strength and Weakness of the Athenian Empire.
4. Who was the last of the Pharaohs? Briefly sketch his career.
5. Write a note on Alexander the Great, stating particularly results of his conquests.
6. Explain the following:—The Amphictyony; First Sacred War; The Judges.
7. Give a short account of the Siege of Carthage with result.
8. Tell what you know of the final division of the Roman Empire, with date.

## ALGEBRA—XI.

9 to 11 a. m., Wednesday, 27 June, 1917.

1. Factor  $x^3 + y^4 + x^4y^2$ .
2. Without calculating the roots show which is the greatest and which the least of  $3\sqrt{2}$ ,  $2\sqrt[3]{5}$ ,  $3\sqrt[4]{3}$ .
3. Solve the equations  $x^2 + y^2 + x^2y^2 = 49$ .  
 $x + y - xy = -1$ .
4. Simplify by rationalizing the denominator  $\frac{3 + \sqrt{2}}{\sqrt{2} + \sqrt{3} - 1}$
5. Given  $\log. 2 = .30103$ ,  $\log. 7 = .84510$ , calculate  $\log. \left(\frac{64}{35}\right)^{\frac{5}{8}}$
6. Divide 1417 into 3 parts, in geometric progression, such that the first plus the third equals  $3\frac{1}{2}$  times the second.
7. A number of 3 digits is equal to 18 times the sum of the digits; the middle digit is three times the product of the other two, and greater by three than their sum. Find the number.
8. How many different words of 4 letters can be formed by using only those of the word "grade" no letter to appear more than once in a word, and every word to start with a vowel.

## PHYSICS.—XI.

3 to 5 p. m., Wednesday, 27 June, 1917.

(N. B. Give diagrams in all cases where they will help in showing your understanding of the question).

1. After a railway car has been running for one minute from rest down a gentle slope with an acceleration of one foot per second per second, it comes to a perfectly level part of the road where there is no further effect of gravity upon it. How far would it go during the next ten seconds supposing there were no friction? What rate would this be in miles per hour? (Your answer should be such that you will see that on a well built railway, it would be safe to be in the car, but that it would be quite dangerous if the car continued running down the slope for ~~two~~ minutes instead of one).
2. Suppose a body floats in liquid A with  $\frac{1}{3}$  of its volume above the liquid, and in liquid B with  $\frac{1}{5}$  of its volume above the liquid, and in liquid C neither rises nor sinks if wholly immersed in the liquid; what is the specific gravity of liquid A and of liquid C compared with liquid B as standard? Or, It is against the law to load ocean going vessels, so that they will sink beyond a certain line, called the Plimsoll line. The captain of a ship is asked to take as freight 100 cubic feet of stone (sp. gr. 3) and 240 cubic feet of wood (sp. gr. 0.75). On measurement the captain finds that his ship can displace 500 cubic feet more water before the Plimsoll line will be reached, and calculates that he can take the freight without overloading. Make the calculation and show how much water would be displaced owing to this freight.
3. If a boat is carried down stream at the rate of five feet a second (which is a little more than three miles an hour) and a man in it is rowing at the same rate down stream, but at an angle of  $60^\circ$  with the current; what will be the magnitude



and direction of the boat's velocity? Give the units. Draw a parallelogram and a triangle to represent the velocities, marking the components and resultant in each case with arrows pointing in the directions of the three different velocities. The calculation may be made either by trigonometry or by drawing to scale. (It is evident that if you get different answers by the parallelogram and the triangle, one at least must be wrong. It is also evident that the *directions* must correspond. The resultant points in the direction that the man wishes to go, but the *bow* of the boat points in the direction in which he is rowing).

4. If 95 grams of a metal are heated to 100° C. and then placed in 114 grams of water at 7° C, the resulting temperature is 15° C. Find the specific heat of the metal.

5. Why do clocks and watches go faster or slower according to the temperature, unless means are taken to prevent the variation? By what means can the variation be got rid of?

6. Show that while by a suction pump water cannot be raised more than about 30 feet above its level, a force pump has no such limitation (a proper explanation of the diagrams would show this). *Or*, Discuss the uses of compressed air.

7. Give an experiment representing diffusion of gases. Why do gases diffuse? What influences the rate of diffusion?

8. Draw an inclined plane on which a weight of ten pounds would be balanced by a weight of one pound hanging vertically, explaining the drawing sufficiently to show that you understand it. *Or* Find the pressure that a man weighing 160 lbs. puts upon the floor, if by means of a rope passing over a fixed pulley fastened to the ceiling he raises a weight of 80lbs. What pressure would be put upon the floor if the man simply lifts the weight in his hand?

### LATIN.—XI.

9 to 11 a. m., Thursday, 28 June, 1917.

1. Decline together *audax facinus, omne mare, vetus vinum*.

Distinguish between *hic, ille* and *is*.

Give the respective correlatives of *talis, tantus, and tot*, mentioning grammatical peculiarity of third pair.

2. Write down the first person singular of the imperfect and pluperfect subjunctive of *malo, proficiscor, gradior, eo, gaudeo, morior, possum, fio*.

Mention some of the more common verbs with reduplication in the perfect system.

3. Write brief sentences in Latin illustrating the following constructions: *instrumentality, agency, possession, price or value, extent of time, the governing powers of in and sub*.

4. Translate into Latin: (1) Caesar commanded Ariovistus not to make war on the Haedui. (2) Liscus was influenced in great measure by Caesar's speech. (3) Thus it happened that he moved the Camp the next night. (4) These are the first outside of the Province on the other side of the Rhone. (5) Caesar decided that he ought not to wait.

5. Translate: (The extract is in indirect discourse). *Quod si veteris contumeliae oblivisci vellet, num etiam recentium iniuriarum, quod eo invito iter per provinciam per vim tentasset, quod Aeduos, quod Ambarros, quod Allobrogas*

vexassent, memoriam deponere posse? Quod sua victoria tam insolenter gloria-  
rentur, quodque tam diu se impune iniurias tulisse admirarentur, eodem pertinere.

- (a) Account for the case of *contumeliae*.  
(b) What is the force of *num* as an interrogative?  
(c) Account for the mood of *posse*.

6. Translate: Posteaquam in vulgus militum elatum est, qua arrogantia in colloquio Ariovistus usus omni Gallia Romanis interdixisset, impetumque in nostros eius equites fecissent, eaque res colloquium ut diremisset, multo maior alacritas studiumque pugnandi maius exercitui iniectum est.

- (a) Parse *elatum est*. (b) Explain cases of *colloquium*, *Gallia*, *Romanis*.

7. Translate:

Hinc portum petit, et socios partitur in omnes.  
vina bonus quae deinde cadis onerarat Acestes  
litore Trinacrio dederatque abeuntibus heros,  
dividit, et dictis maerentia pectora mulcet;  
'o socii, neque enim ignari sumus ante malorum,  
o passi graviora, dabit deus his quoque finem.'

Parse *abeuntibus* and *passi*. Scan last line.

8.. Translate:

at Venus obscuro gradientes aere saepsit,  
et multo nebulae circum dea fudit amictu,  
cernere ne quis eos neu quis contingere posset,  
molirive moram aut veniendi poscere causas,  
ipsa Paphum sublimis abit, sedesque revisit  
laeta suas, ubi templum illi, centumque Sabaeo,  
ture calent arae sertisque recentibus halant.

Parse *saepsit*. Account for cases of *Paphum* and *illi*.

## TRIGONOMETRY AND MENSURATION.—XI.

3 to 5 p. m., Thursday, 28 June, 1917.

1. Prove  $\cot^2 30^\circ - \tan. 45^\circ = \cos^2 45^\circ \operatorname{cosec}^2 30^\circ$ .
2. Prove  $\log_a (mn) = \log_a m + \log_a n$ . State the rule for finding the characteristic of the logarithm of a given number.
3. On a railroad a portion of the track, 792 feet long, is in the form of a circle of radius 1250 feet. What is the radian measure of the angle between the radii drawn to the extremities of the curve? How many degrees are there in this angle?
4. Prove the formula  $\tan (A - B) = \frac{\tan A - \tan B}{1 + \tan A. \tan B}$
5. Deduce the Law of Sines.
6. Prove the identity  $(\sin \theta + \cos \theta)^2 + (\sin \theta - \cos \theta)^2 = 2$ .
7. A hollow rubber ball is 2 inches in diameter, and the rubber is  $\frac{1}{4}$  inch thick. How much rubber would be used in the manufacture of 1000 such balls?
8. Find the width of a ring of metal, the outer circumference of which is 88 meters, and the inner circumference 66 meters in length.

N. B.—Take  $\pi = \frac{1}{2}$  whenever its value is required.

GRADE XII.

ENGLISH (a).—XII.

9 to 11 a. m., Monday, 25 June, 1917.

1. What is meant by [a] a synthetic language; [b] an analytic language? Mention some of the principal differences in *grammar* between Anglo-Saxon and Modern English. Or, Bradley says that the mixture of peoples speaking different languages or dialects favors grammatical simplification. Give a brief summary of his remarks thereon.

2. Contrast briefly without entering into minute details, the English language before the Norman Conquest with the same language after the conquest. Or, "Modern English, viewed with reference to its grammar, has certain merits in which it is scarcely rivalled by any other tongue." Explain and illustrate.

3. State and illustrate the changes which occurred in the inflection of nouns and adjectives during the middle English period. Or, Discuss the effects which the revival of Greek learning in Western Europe had upon the English vocabulary.

4. Mention the "parts" of the verb which were common to all the Teutonic languages from the earliest period of their history. Or, Discuss, according to Bradley, Spencer's influence on literary English.

5. Write a brief note on the life and works of [a] Ben Jonson, [b] Herrick.

6. Give a brief account of the life and character of Pope. Mention three of his principal works.

7. Mention [a] two of the principal prose-writers [not novelists] of the Victorian Age; [b] two of the principal poets of the same period. Give two of the principal works of each of the four authors, and a short biographical sketch of any one of them.

8. Name the authors of the following works, and state the period in which each writer lived: "The Task," "Manfred," "Areopagitica," "The Traveller," "Religio Medici," "Dr. Faustus."

N. B.—In answering questions five, six and seven candidates should state which of the two text books they have studied,—"Gwynn" or "Pancoast and Shelley."

GREEK (b)—XII.]

11 a. m. to 1 p. m., Monday, 25 June, 1917.

1. Translate: Ταῦτα ἀκούσαντες οἱ στρατηγοὶ καὶ οἱ ἄλλοι Ἕλληνες πυνθανόμενοι βαρέως ἔφερον. Κλέαρχος δὲ τάδε εἶπεν· "Ἄλλ' ὄφελε μὲν Κύρος ζῆν' ἐπεὶ δὲ τετελεύτηκεν, ἀπαγγέλλετε Ἀριαίῳ ὅτι ἡμεῖς γε νικῶμεν βασιλέα, καί, ὡς ὄρατε, οὐδεὶς ἔτι ἡμῖν μάχεται· καὶ εἰ μὴ ὑμεῖς ἤλθετε, ἐπορευόμεθα ἂν ἐπὶ βασιλέα."

Point out peculiarity of formation in ζῆν'.

How does γε affect the meaning of ἡμεῖς νικῶμεν?

Explain the conditional εἰ μὴ . . . βασιλέα

2. Translate: Κλέαρχος δὲ Τολμίδην Ἡλείον, ὃν ἐτύγχανεν ἔχων παρ' ἑαυτῷ κήρυκα ἄριστον τῶν τότε, ἀνειπεῖν ἐκέλευσε, σιγῇ κηρύξαντα, ὅτι προαγορεύουσι οἱ ἄρχοντες, ὃς ἂν τὸν ἀφέντα τὸν ὄνον εἰς τὰ ὄπλα μνηύσῃ, ὅτι λήψεται μισθὸν τάλαντον ἀργυρίου. ἐπεὶ δὲ ταῦτα ἐκηρύχθη, ἔγνωσαν οἱ στρατιῶται ὅτι κενὸς ὁ φόβος εἴη, καὶ οἱ ἄρχοντες σώοι.

τῶν τότε. State the general law or principle illustrated by this use of τότε. Parse ἀφέντα.

3. Translate: Πρὸς ταῦτα μεταστάντες οἱ Ἕλληνες ἐβουλεύοντο, καὶ ἀπεκρίναντο, Κλέαρχος δ' ἔλεγεν. "Ἡμεῖς οὔτε συνήλομεν ὡς βασιλεῖ πολεμήσοντες, οὔτε ἐπορευόμεθα ἐπὶ βασιλεύ. ἀλλὰ πολλὰς προφάσεις Κύρος ἤρρισκεν, ὡς καὶ σὺ εὖ οἶσθα, ἵνα ὑμᾶς τε ἀπαρασκευοῦς λάβοι καὶ ἡμᾶς ἐνθάδε ἀγάγοι.

Write a note on the participial phrase ὡς πολεμήσοντες. Also one on the augment and tense of ἤρρισκεν.

4. Translate: φίλος τε ἐβούλετο εἶναι τοῖς μέγιστα δυναμένοις, ἵνα ἀδικῶν μὴ διδοίη δίκην. ἐπὶ δὲ τὸ κατεργάζεσθαι ὧν ἐπιθυμοῖη συντομοπάτην φέτο ὁδὸν εἶναι διὰ τοῦ ἐπιορκεῖν τε καὶ ψεύδεσθαι καὶ ἐξαπατᾶν· τὸ δ' ἀπλοῦν καὶ ἀληθὲς τὸ αὐτὸ τῷ ἡλιθίῳ εἶναι.

διδοίη. What is the alternative form? Explain the construction of ὧν and that of τῷ ἡλιθίῳ.

5. Translate: Ἦν δέ τις ἐν τῇ στρατιᾷ Ξενοφῶν Ἀθηναῖος, ὃς οὔτε στρατηγὸς οὔτε λοχαγὸς οὔτε στρατιώτης ὧν συνηκολούθει, ἀλλὰ Πρόξενος αὐτὸν μετεπέμψατο οἰκοθεν ξένος ὧν ἀρχαῖος· ὑπισχνεῖτο δὲ αὐτῷ, εἰ ἔλθοι, φίλον αὐτὸν Κύρῳ ποιήσεν, ὃν αὐτὸς ἔφη κρείττω ἑαυτῷ νομίζειν τῆς πατρίδος.

Convert into direct discourse the conditional "εἰ ἔλθοι, φίλον αὐτὸν Κύρῳ ποιήσεν." Parse κρείττω and account for the case of πατρίδος.

6. Translate: Ἄνδρες στρατιῶται, χαλεπὰ μὲν τὰ παρόντα, ὅποτε ἀνδρῶν στρατηγῶν τοιούτων στερόμεθα καὶ λοχαγῶν καὶ στρατιωτῶν, πρὸς δ' ἔτι καὶ οἱ ἀμφὶ Ἀριαῖον, οἱ πρόσθεν σύμμαχοι ὄντες, προδεδώκασιν ἡμᾶς· ὁμοῦ δὲ δεῖ ἐκ τῶν παρόντων ἄνδρας ἀγαθοὺς τελέθειν καὶ μὴ ὑφίστασθαι, ἀλλὰ πειρᾶσθαι ὅπως, ἂν μὲν δυνώμεθα, καλῶς νικῶντες σωζώμεθα.

Parse τελέθειν, ὑφίστασθαι, σωζώμεθα.

7. Translate: Ἀκούουσι ταῦτα τοῖς στρατηγοῖς τὸ μὲν ἐνθίμημα χαριέν ἐδόκε εἶναι, τὸ δ' ἔργον ἀδύνατον· ἦσαν γὰρ οἱ κωλύσοντες πέραν πολλοὶ ἵππεις, οἱ εὐθὺς τοῖς πρώτοις οὐδὲν ἂν ἐπέτρεπον τοιούτων ποιεῖν.

8. Translate: Σοτηρίδας δὲ ὁ Σικυώνιος εἶπεν· "Οὐκ ἐξ ἴσου, ὦ Ξενοφῶν, ἐσμέν· σὺ μὲν γὰρ ἐφ' ἵππου ὀχεῖ, ἐγὼ δὲ χαλεπῶς κάμνω τὴν ἀσπίδα φέρων." καὶ ὃς ἀκούσας ταῦτα, καταπηδήσας ἀπὸ τοῦ ἵππου, ὄθειται αὐτὸν ἐκ τῆς τάξεως καί, τὴν ἀσπίδα ἀφελόμενος, ὡς εἰδύνατο τάχιστα ἔχων ἐπορευέτο· ἐτύγχανε δὲ καὶ θώρακα ἔχων τὸν ἵππικόν, ὥστ' ἐπέεζέτο.

Parse the verbs ὀχεῖ, κάμνω, ὄθειται.

## FRENCH.—XII.

3 to 5 p. m., Monday, 25 June, 1917.

1. (a) Translate: A la façon dont Mr. Levrault avait insisté pour qu'il restât à la Trélade, le vicomte avait compris qu'il touchait au moment décisif. En effet, le grand industriel s'était promis, en se levant, que la journée ne s'achèverait pas sans couronner ses espérances.
- (b) Restât: Parse this word, and account for its mood. Give principal parts of: *compris* and of *promis*.
2. (a) Name the conjunctions governing the *Subjunctive* with *ne* and translate: Do not run for fear that you may fall. Unless we are diligent, we shall not succeed.
- (b) Form a sentence, each, with *avant de* and *avant que*, and state when the *prepositional* construction must be used instead of the *que* form.
3. (a) Translate: Mon ami, vous êtes ici chez vous, et les braves qui vous ont accompagné ne vous quitteront pas. Mes enfants, cette maison est la vôtre. Tout ce qui est ici, tout ce que vous voyez, je l'ai gagné à la sueur de mon front. Je suis trop heureux de partager avec vous ma petite fortune.
- (b) Les braves que nous avons employé: Correct the mistake in this sentence, and give your reason for the correction.
4. (a) What word is used instead of repeating the *conjunction* in sentences like the following? Explain and translate: *When* you have finished and (when you) have time, come and see me.
- (b) Give the correct form of the *verb* in *italics*, and translate: N'espérez vous pas qu'il *venir*? Il semble qu'il *avoir* besoin de meubles. Attendez que je le *faire*.
5. (a) Translate: Je t'en fais juge. Tu sais dans quelle position je me trouvais Orphelin à quinze ans, maître de ma fortune à vingt, j'avais promptement exterminé mon patrimoine et m'étais mis en devoir d'amasser un capital de dettes digne du neveu de mon oncle.
- (b) Principal parts of *fais* and *mis*. Write down the present Indicative of *fais*.
6. (a) Give a list of demonstrative pronouns and illustrate the use of the particles *-ci* and *-là*. Translate: Did you buy this picture yesterday? No, it isn't this one, it is the one which you see near the window.
- (b) Distinguish between *quel* and *lequel*. Give short illustrations. Give principal parts of: *boire*, *dormir*, *suivre*.
7. (a) Translate: Tout beau Pauline: il entend vos paroles, Et ce n'est pas un Dieu comme vos dieux frivoles, Insensibles et sourds, impuissants, mutilés, De bois, de marbre, ou d'or, comme vous les voulez: C'est le Dieu des Chrétiens, c'est le mien, c'est le vôtre, Et la terre et le ciel n'en connaissent point d'autre.
- (b) Principal parts of: *voulez* and *connaissent*, and the present subjunctive of *voulez*.
8. (a) Translate: *Néarque*. Mais Dieu, dont on ne doit jamais se défier, Me donne votre exemple à me fortifier. Allons, cher Polyeucte, allons aux yeux des hommes Braver l'idolatrie, et montrer qui nous sommes; Puissé-je vous donner l'exemple de souffrir. Comme vous me donnez celui de vous offrir!
- (b) Principal parts of: *doit* and *puisse*, and the preterite of *doit*.

## GEOMETRY.—XII.

9 to 11 a. m., Tuesday, 26 June, 1917.

1. A farm is represented on a plan by a quadrilateral ABCD, drawn on a scale of 25 inches to the mile. If  $AC = 20$  inches and the offsets from AC to B and D measure 10 inches and 30 inches respectively, find the acreage of the farm.

2. ABC is an isosceles triangle, the equal sides AB, AC each measuring  $3.6''$ . From a point D in AB, a straight line DE is drawn, cutting AC produced at E, and making the triangle ADE equal in area to the triangle ABC. If  $AD = 1.8''$  find AE.

3. In a trihedral angle the sum of any two of the face angles is greater than the third. Prove it.

4. Divide a given straight line *internally and externally* in a given ratio.

5. Draw a rectangular solid, and prove that the square on any one of its diagonals is equal to the sum of the squares on three concurrent edges, and that when it is a cube the diagonal is equal to the length of one of its edges into the  $\sqrt{3}$ .

6. Prove that the circumradius of a triangle ABC may be found by the formula  $\frac{abc}{4\Delta}$ ,  $a$ ,  $b$  and  $c$  representing the sides of the triangle. Demonstrate the formula.

7. If the vertex A of a triangle ABC is joined to any point in the base, it will divide the triangle into two triangles such that their circumscribed circles have radii in the ratio of AB to AC.

8. A right prism stands on a triangular base whose sides are 17 cm., 10cm., 9 cm.; and the height is 10 cm. Find the volume and whole surface.

## MEDIEVAL AND MODERN HISTORY.—XII.

11 a. m., to 1 p. m., Tuesday, 26 June, 1917.

1. Write a short note on the Saracens, giving some idea of the religious condition of Arabia before Mohammed. Mention important points in the latest events in Arabia.

2. Tell what you know of the Danish Conquest of England; Or, Describe briefly the Sinai campaign in the present war.

3. Briefly discuss the Italian Renaissance, noting particularly its good and evil results.

4. Tell what you know of the following:—Petrarch, Maximilian I, Cardinal Wolsey, General Joffre, The Czar.

5. With what battle did the Holy Roman Empire come to an end? State results of this battle.

6. Define briefly the following:—Benevolences; The Covenanters; Ship-Money; Code Napoleon

7. Give a short account of the War of the Austrian Succession, Or, of the causes leading the United States into the present war.

8. Discuss Napoleon's "continental policy," stating some of its consequences.

PHYSICS.—XII.

3 to 5 p. m., Tuesday, 26 June, 1917.

1. A car starting from rest runs for two minutes down a track which is sixty feet long for every foot of vertical descent. It then comes to an up-grade thirty feet long for each foot of vertical height. Assuming that there is no friction, calculate how far the car runs on the down grade, how much the lowest point of this grade is below the top, how high above the lowest point the car will be when it stops, and for what length of time it will continue in motion on the up-grade.
2. Suppose a body floats in liquid A with  $\frac{1}{8}$  of its volume above the liquid, and in liquid B with  $\frac{1}{4}$  of its volume above the liquid, and in liquid C neither rises nor sinks if wholly immersed in the liquid; What is the specific gravity of liquid B and of liquid C as compared with liquid A?
3. An iron radiator whose mass is 55 kilograms, and temperature  $100^{\circ}$  C, is shut off when it contains 100 grams of steam at a temperature of  $100^{\circ}$  C. How much heat is imparted to the room by the condensation of the steam and the cooling of the water and the radiator to a temperature of  $40^{\circ}$  C? (Specific heat of iron = 0.113).
4. Discuss surface tension and capillarity. Why is a drop spherical if it is not acted on by outside forces? Give an experiment in which outside forces are eliminated. Why does a liquid rise in fine tubes which it wets, while it is depressed if it does not wet the tube? Or, Give a laboratory method for proving the law of reflection of light.
5. How can white light be decomposed into its different colors? Give as many methods as you can think of, by which these colors can be recombined. What is meant by complementary colors? Or, Discuss the earth's magnetism, including the earth's magnetic poles, isogonic lines, magnetic inclination, etc.
6. Discuss electric potential including the volt. Or, Discuss the electrical condenser, including the Leyden jar and the electrophorus. Where does the energy come from that produces the sparks in the latter case?
7. Discuss the passage of electricity thru gases, including Roentgen rays, ionization of gases, etc.; Or, discuss the tuning of musical instruments by means of beats and other applications of the principle of interference of sound waves.
8. Describe using a diagram, some method by which you could make electric currents pass round a metallic hoop, first in one direction and then in the opposite, without touching the hoop. In this connexion discuss electrical induction; Or, Discuss the eye as an optical instrument, taking into consideration its defects; Or, Show how the velocity of sound in air may be determined, and from that the velocity in solids, e. g., Kundt's tube.

ALGEBRA.—XII.

9 to 11 a. m., Wednesday, 27 June, 1917.

1. Solve  $5x + \sqrt{5x - \frac{5}{x}} = \frac{5}{x}$ .
2. If  $a, b, c, d$  are in geometric progression so also are the reciprocals of  $a^2 - b^2, b^2 - c^2, c^2 - d^2$ .
3. Prove the roots of  $(x - a)(x - b) = 5$  are always real.

4. If you put 100 dollars in the savings bank each Jan. 1st from 1917 to 1930, inclusive, at  $2\frac{1}{2}\%$  compound interest, how much will you have on Dec. 31st, 1930, interest being added to your account yearly, given  $\log. 1.025 = .010724$   $\log 1.4483 = .16086$ ?

5. If  $nC_2 = nC_{13}$  find  $nC_{15}$ .

6. If you have 15 pears and six apples, in how many ways could you make a present of fruit, each present to contain at least an apple and two pears?

7. Find the coefficient of  $x^{10}$  in the expansion of  $\frac{3-5x}{(1-x)^2}$  in ascending powers of  $x$ .

8. Obtain in its simplest form the  $(r+1)$  th term in the expansion of  $(1-2x)^{-\frac{1}{2}}$

### LATIN XII (a).

11 a m., to 1 p. m., Wednesday, 27 June, 1917.

1. (a) Point out peculiarities in the declension of *meus, filia, filius, domus, vulgus, locus*. (b) Compare *leviter, benevolus, nequam, frugi*. (c) Assign present infinitives to the following supines; *casum, caesum, spretum, tortum, lostum, tritum*—also to the following participles; *passus, solitus, profectus, ingressus, mortuus*.

2. Make necessary corrections in the syntax of the following sentences: (a) *Appius domum redire pollicitus est*. (b) *Miror quis est: bonum hominem, mihi videtur esse*. (c) *Spero ut te persuadere possim*. (d) *Non tibi talia verba uti licet*. (e) *Filius erat fortior quam patre*.

3. How are prohibitions expressed in classic prose? How do you explain such a construction as "Equo ne credite, Teucri."

4. Explain what is meant by an Indirect Question. Illustrate the construction by two or three simple sentences in Latin.

5. Translate into Latin: (1) Scipio was called the greatest general of those times. (2) He saw that the legions feared that they would be surrounded. (3) Epaminondas (when) dying asked which had conquered, the Thebans or Peloponnesians. (4) While this was going on he arrived at the territory of the Belgians.

6. Translate into Latin: (1) Tell me how many captives Caesar had taken. (2) He was taught the arts both of peace and war. (3) If ambassadors had been sent, they would not have accepted any conditions of peace. (4) I should like to learn your opinion about this matter.

7. Translate into Latin: (1) After the business was finished very few ships from the whole number reached the land. (2) Virtue contains in itself all things which are necessary for living (gerund) happily. (3) Solon pretended (simulavit) to be mad in order that he might be useful (profuisset) to the state. (4) At how great a price was this wine bought?

8. Translate at sight:

(*Sabinus loses his presence of mind, Cotta is cool and brave.*)

*Tum demum Titurius, qui nihil ante providisset, trepidare et concursare cohortesque disponere<sup>1</sup> haec tamen<sup>2</sup> ipsa timide atque ut<sup>3</sup> eum omnia deficere viderentur; quod plerumque eis accidere consuevit qui in ipso negotio consilium capere*



coguntur. At Cotta, qui cogitasset haec posse in itinere accidere atque ob eam causam perfectionis auctor non fuisset, nulla in re communi saluti deerat, et in appellandis cohortandisque militibus imperatoris et in pugna militis officia praestabat.

1. These verbs are historical infinitives.
2. Supply *faciens* or some similar word.
3. Atque ut—and in such a way that.

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### BOTANY.—XII.

3 to 5 p. m., Wednesday, 27 June, 1917.

1. Describe any tree you choose, giving the characteristics which could be seen if observation were carried on for a year. To what natural order does the tree you describe belong?
2. Give a short description of plant products for human food; *Or*, of plant products used in medicine and in dyeing.
3. Discuss various methods of dispersal of plants.
4. Give two genera of club mosses (Lycopodiaceae) and describe one of them.
5. Give a summary of the bryophytes and thallophytes in general; *Or*, a particular description of one of the bryophytes.
6. Discuss smuts and rusts. To what class of plants do they belong? What is a characteristic feature of this class? Name some genus in this class which shows this feature more distinctly than do the smuts and rusts.
7. Discuss the circulation of Nitrogen as taken up in the Text Book under the head of bacteria; *Or*, Discuss the evolution of the algae.
8. Give, with illustrative diagrams, the appearance of any organisms you have examined under the microscope, explaining the features of most importance, with the object of showing what amount of microscopic work you have done, and its character: *Or*, Discuss the subject of buds, specially considering vernalization [the arrangement of leaves in the bud].

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### LATIN (b)—XII.

9 to 11 a. m., Thursday, 28 June, 1917.

1. Translate: *hostes, ubi et de expugnando oppido et de flumine transeundo spem se fefellisse intellexerunt, neque nostros in locum iniquiorem progredi pugnandi causa viderunt, atque ipsos res frumentaria deficere coepit, concilio convocato constituerunt optimum esse domum suam quemque reverti.*  
Distinguish between gerunds and gerundives as found in extract. Account for their respective uses. What is the force of *atque*. Account for case of *domum*.
2. Translate: *Caesar, cum septimam legionem quae iuxta constiterat, item urgeri ab hoste vidisset, tribunos militum monuit ut paulatim sese legiones coniungerent et conversa signa in hostes inferrent. quo facto, cum alius alii subsidium ferret, neque timerent ne aversi ab hoste circumvenirentur, audacius resistere ac fortius pugnare coeperunt.*  
Compare *audacius* and *fortius*.

3. Translate: Itaquē cum intellegeret, omnes fere Gallos novis rebus studere et ad bellum mobiliter celeriterque excitari, omnes autem homines natura libertati studere et condicionem servitutis odisse, priusquam plures civitates conspirarent, partiendum sibi ac latius distribuendum exercitum putavit.

Explain case of *rebus* and *libertati*. To what class of verbs does *odisse* belong? What is its peculiarity? Explain construction of *sibi*.

4. Translate: Impeditis hostibus propter ea, quae ferebant, onera, subito duabus portis eruptionem fieri iubet. Factum est opportunitate loci, hostium inscientia ac defatigatione, virtute militum et superiorum pugnatum exercitatione, ut ne primum quidem nostrorum impetum ferrent ac statim terga verterent.

What principle does *ne primum quidem* illustrate?

5. Translate: Est enim hoc Gallicae consuetudinis, uti et viatores etiam invitos consistere cogant et, quid quisque eorum de quaque re audierit aut cognoverit, quaerant, et mercatores in oppidis vulgus circumstiat quibusque ex regionibus veniant quasque ibi res cognoverint, pronuntiare cogant.

Point out the subjunctives in this sentence which depend directly on *uti*. How are all the others to be explained? What inconsistency is there between *circumstiat* and *cogant*. For last word, some editions read *cogat*. If *cogant* stands, how do you explain it.

6. Translate: hinc mihi prima mali labe; hinc semper Ulixes criminibus terrere novis; hinc spargere voces in vulgum ambiguas, et quaerere conscius arma. nec requievit enim, donec Calchante ministro— sed quid ego haec autem nequiquam ingrata revolvo? quidve moror, si omnes uno ordine habetis Achivos, idque audire sat est? iamdudum sumite poenas: hoc Ithacus velit, et magno mercentur Atridae.

Explain the infinitives *terrere*, etc. How do you account for the subjunctives *velit* and *mercentur*. Account for the case of *magno*.

7. Translate: Tempus erat, quo prima quies mortalibus aegris incipit, et dono divom gratissima serpit. in somnis, ecce, ante oculos maestissimus Hector visus adesse mihi, largosque effundere fletus, raptatus bigis, ut quondam, aterque cruento pulvere, perque pedes traiectus lora tumentes.

Explain the grammatical construction of *lora*.

8. Translate: Atque ubi iam patriae perventum ad limina sedis antiquasque domos, genitor, quem tollere in altos optabam primum montes primumque petebam, abnegat excisa bitam producere Troia, exsiliumque pati. 'vos o, quibus integer aevi sanguis,' ait, 'solidaeque suo stant robore vires, vos agitate fugam. me si caelicolae voluissent ducere vitam, has mihi servassent sedes.'

What relation is expressed by *excisa Troia*? Explain the grammatical structure of the closing sentence: "*me. . . . . sedes.*"

## ENGLISH (b).—XII.

11 a. m., to 1 p. m., Thursday, 28 June, 1917.

1. Give the substance of the Prince of Morocco's soliloquy when choosing one of the caskets.

2. Narrate, briefly, the story of the ring.

3. [1] Explain the allusions in:—
  - [a] "What says that fool of Hagar's offspring."
  - [b] "To eat of the habitation which your prophet the Nazarite, con-  
jured the devil into."
  - [c] "I fear he will prove the weeping philosopher when he grows old."
- [2] Explain the italicized words in:—
  - [d] "His Master and he are scarce *cater-cousins*."
  - [e] "*Slubber* not business for my sake."
4. What are the six principles which Mr. Gladstone lays down as the right principles of foreign policy?
5. Give the substance of Sir Edward Grey's remarks on the situation, in reference to naval affairs, which existed between England and France immediately before the outbreak of the present war. What statement did he make to the French Ambassador in regard thereto?
6. Give a description of Pandemonium, the palace of Satan.
7. Explain the following with special reference to the italicized words:—
  - [a] "As when Alcides from Oechalia crowned with conquest, felt the *envenomed robe*."
  - [b] "Along the banks of *four infernal rivers*."
  - [c] "The moon, whose orb thru optic glass the *Tuscan artist* views."
  - [d] "Sage he stood with *Atlantean* shoulders."
  - [e] "*That small infantry* warred on by cranes."
8. Give an account of what occurred on the evening of the Master of Ballantrae's return home after his first absence, *Or*, Give a description of the "Village Preacher" as portrayed in Goldsmith's "The Deserted Village," *Or*, Give an outline of the story "Rab and his Friends."

Note—In marking the answers to question *eight* special attention will be paid to quality of composition.

TRIGONOMETRY.—XII.

3 to 5 p. m., Thursday. 28 June, 1917,

1. Prove the identity:  $\cos \theta (\sin^2 \theta + 1) \operatorname{cosec} \theta - \cot \theta = \sin \theta \cdot \cos \theta$ .
2. Deduce the Law of Tangents.
3. Trace the changes in  $\cos A$  as  $A$  increases from  $0^\circ$  to  $360^\circ$
4. Prove the identity:  $\cos A + \cos 3A + \cos 5A + \cos 7A = 4 \cos A \cdot \cos 2A \cdot \cos 4A$ .
5. From a building  $h$  feet high the angles of depression of the top and bottom of another building are  $\beta$  and  $\gamma$  respectively. Determine the altitude of the second building. Also solve the problem when  $h = 110$  ft,  $\gamma = 60^\circ$ ,  $\beta = 45^\circ$ .
6. Find a general expression for all angles having the same sine.
7. Prove that the sum of the angles of a spherical triangle is greater than 2 and less than 6 right angles.
8. Deduce the formula

$$\cos \frac{1}{2} A = \sqrt{\frac{\sin s \cdot \sin (s - a)}{\sin b \cdot \sin c}}$$

## GERMAN.—XII.

9 to 11 a. m., Saturday, 30 June, 1917.

1. (a) Translate: Hayden hörte in der Paulskirche viertausend Kinder ein einfaches Lied singen. "Keine Musik rührte mich zeitlebens so heftig als diese andachtsvolle und unschuldige" steht in seinem Tagebuche, und er fügt noch bekräftigend hinzu: "Ich stand und weinte wie ein Kind."  
 (b) Account for the infinitive *singen*, and give the imperfect and past participle of it.
2. (a) Compose three compound sentences in which the *dependent* clauses are respectively: a *noun* clause, an *adjectival* clause, and an *adverbial* clause.  
 (b) Translate into German: I copy all my letters. You have forgotten what you had promised me. The maid-servant carried the dishes out.
3. (a) Translate: Und ein andermal sagte sie (Goethe's Mutter): Fröhlichkeit ist die Mutter aller Tugenden. Wenn man zufrieden und froh ist, so wünscht man alle Menschen vergnügt und heiter zu sehen und trägt alles in seinem Wirkungskreis dazu bei.  
 (b) *Sagte sie.* Account for the inversion of the subject *sie*. Mention the conjunctions that do not affect the position of the *subject*, write a sentence in illustration.
4. (a) When do you use intransitive verbs of motion with *sein*, when with *haben*? Explain and translate: This gentleman has travelled much. He has gone (travelled) to England.  
 (b) Illustrate the position of *adverbs* in German. The adverb *nicht* changes its place in a certain case: explain and translate: I have not seen him today. We have not seen him today, but yesterday.
5. (a) Translate: Also es war am 8. März Anno 1779. Ich war in der Nacht allein in unserer Mühle. Ich bin damals Mühlknappe bei dem Müller Heyde gewesen. Ich gehe also auf und ab, schüttele aus und ein. Es rast der Wind, dass man meint, er nimmt die ganze Mühle mit fort.  
 (b) Give the imperfect and the past participle of: *schüttele aus, gehe, nimmt fort.*
6. (a) Translate: Wilhelm Tell.  
*Meister* Mit eurem Gold!—Alles ist euch feil  
 Um Gold: wenn ihr den Vater von den Kindern  
 Gerissen und den Mann von seinem Weibe  
 Und Jammer habt gebracht über die Welt,  
 Denkt ihr's mit Golde zu vergüten.—Geht!  
 (b) Give the genitive singular and the nominative plural of: Vater, Kindern, Weibe, Welt. Translate: Schiller was born in 1759 (letters).
7. (a) Translate: *Stauffacher.* Die andern Völker tragen fremdes Joch,  
 Sie haben sich dem Sieger unterworfen.  
 Doch *wir*, der alten Schweizer echter Stamm,  
 Wir haben stets die Freiheit uns bewahrt.  
 Nicht unter Fürsten bogen wir das Knie,  
 Freiwillig wählten wir den Schirm der Kaiser.  
 (b) Point out a contracted *relative* clause in extract No. 7, and write it in an enlarged form. Give principal parts of: *unterworfen* and *bogen*.

8. (a) Translate: *Bertha*. Ihr aber, den Natur und Ritterpflicht  
Ihm zum geborenen Beschützer gaben,  
Und der's *verlässt*, der treulos übertritt  
Zum Feind, und Ketten schmiedet seinem Land  
Ihr seid's, der mich verletzt und kränkt, ich muss  
Mein Herz bezwingen, dass ich euch nicht hasse.
- (b) Classify all the *dependent* clauses in extract 8, and give principal parts of *gaben, muss, bezwingen*.

GREEK (a)—XII.

11 a. m. to 1 p. m., Saturday, 30 June, 1917.

1. (a) Write the dative singular and plural of *βασιλεύς, μέρος, πούς, ἡγεμών, ναῦς, ἄμαξα*. (b) Decline thruout the adjectives *ἀληθής* and *πλείων*.
2. (a) Distinguish between *τίς* and *τις*. Decline each with accents carefully marked. (b) What are the two forms in Greek which the expressions "this man" and "the man himself" may respectively take. Give Greek for "the same man."
3. Fully explain the formation of the future and aorist, active and middle, of liquid verbs. Give those tenses in the active voice of *ἀγγέλλω, μένω, νέμω, φαίω, κρίνω, φθείρω*.
4. State the chief uses and functions of the dative case.
5. Illustrate by brief sentences or phrases the following Greek constructions: Partitive Genitive, Causal Genitive, Genitive Absolute, Cognate Accusative, Double Accusative (of several types), Time when, Time how long.
6. Translate into Greek: (1) Having said this he seemed to Clearchus to speak the truth. (2) We know that it is impossible to cross the Euphrates. (3) For this reason, they remained a day on the plain. (4) I shall show you into what sort of a struggle you are going.
7. Translate into Greek: (1) When he had said this he ceased. (2) They marched thence as quickly as they could. (3) It is likely that the enemy will come at break of day. (4) All the rest of the army followed him.
8. Translate at sight: *Εἰ μέντοι ὑμῖν δοκεῖ θηρίων ἀλλὰ μὴ ἀνθρώπων εἶναι τὰ τοιαῦτα ἔργα, σκοπεῖτε παῦλάν τινα<sup>1</sup> αὐτῶν· εἰ δὲ μὴ, πρὸς Διὸς, πῶς ἢ θεοῖς θύσομεν ἡδέως, ποιῶντες ἔργα ἀσεβῆ, ἢ πολεμίους πῶς μαχοῦμεθα, ἢν ἀλλήλους κατακίνομεν; Πόλις δὲ φιλία τίς ἡμᾶς δέξεται, ἥτις ἂν ὄρα τῶσαύτην ἀνομίαν ἐν ἡμῖν; Ἄγορὰν δὲ τίς ἄξει θαρρῶν<sup>2</sup> ἦν περὶ τὰ μέγιστα τοιαῦτα ἐξαμαρτάνοντες φαινόμεθα; Οὐ<sup>3</sup> δὲ δὴ πάντων οἰόμεθα τεύξεσθαι ἐπαίνου, τίς ἂν ἡμᾶς τοιοῦτους ὄντας ἐπαινέσειεν; Ἡμεῖς μὲν γὰρ οἶδ' ὅτι πονηροὺς ἂν φαίμεν εἶναι τοὺς τὰ τοιαῦτα ποιούντας.*

<sup>1</sup> παῦλάν τινα = some mode of checking.

<sup>2</sup> θαρρῶν = with sufficient confidence.

<sup>3</sup> οὐ is an adverb.

## CHEMISTRY.—XII.

3 to 5 p. m., Saturday, 30 June, 1917.

1. A gas is given you, and on weighing one liter of it at 0°C and 760 mm. pressure, you find the weight to be 1.9647 grams. What must be the formula weight? Afterwards you find that the gas contains only nitrogen and oxygen. What must be the formula? What is the name of the gas? Give enough explanation to show that you understand the problem fully, but this explanation should not be long.
2. Explain how liquid air is kept from volatilizing rapidly. Give experiments which can be performed with liquid air. How is fairly pure oxygen obtained from it?
3. Discuss the electric furnace and industrial uses of it.
4. Give different methods of preparing nitrates. Tell, giving equations, what happens on heating lead nitrate, mercuric nitrate, potassium nitrate, and ammonium nitrate.
5. What are the alums? Which of them is meant when "alum" is spoken of? For what purposes are the alums used?
6. Write a short account of nickel and cobalt; *Or* of arsenic and antimony.
7. Discuss foods in general; *Or*, any special food, such as milk in particular.
8. Discuss natural waters; *Or*, Give the preparation and properties of sodium and potassium.

## TEACHERS' MINIMUM PROFESSIONAL QUALIFICATION EXAMINATION.

*For Syllabus See pages 86-88 of the April, 1917, Journal of Education.*

**M. P. Q.**

### SCHOOL LAW AND FORMS.

9 to 10 a. m., Friday, 29 June, 1917.

[Only five questions to be answered.]

1. (a) How often is the *Journal of Education* issued each year? (b) How is it to be got? (c) Mention some announcements in it during the past year. (d) What Belgian fund were schools authorized to collect for last year?
2. Name the subjects and quantity of each necessary for a grade X pass certificate?
3. What are the qualifications for a second class license?
4. Explain the following terms:—(a) ratepayer, (b) poll tax, (c) municipality, (d) assessment, (e) auditor, (f) real and (g) personal property, (h) non-resident, (i) C. P. I., (j) Municipal School Fund.
5. Give your idea of the most important points in the keeping of a school register.
6. Discuss any *one* of the following topics in a ten minutes paragraph: (a) the advantage of attending the Normal College, or (b) the compulsory attendance law for cities and towns, or (c) for the country, or (d) the duties of a teacher in connexion with the engagement of a school.

## THEORY AND PRACTISE OF TEACHING.

10.10 to 11.10 a. m., Friday, 29 June, 1917.

(Only *five* questions to be answered).

1. Write notes of a lesson on either moral or patriotic duties, and sketch your method of teaching it.
2. How would you proceed to teach music in an average rural school? What notation would you prefer and why? Write music of the National Anthem, from memory.
3. How do simple lessons on measuring, weighing, estimating, etc. help to clarify a child's ideas of number, magnitude, etc., in problems involving them? Illustrate.
4. (a) "There are four methods of teaching reading." What does such a statement probably mean? (b) Is not "reading" a very different problem according to the grade? Discuss this query.
5. What are the most suitable Sciences to introduce first into the school, (a) urban or (b) rural? Give an idea of what you would introduce in each grade. What do you know about (c) phenological or (d) meteorological observations in school?
6. Discuss the importance of drawing in school, and elaborate any phase of the teaching of drawing you like.
7. (a) How many reading classes should be in a rural school? (b) How should spelling be taught?

## HYGIENE AND TEMPERANCE.

11.20 a. m., to 12.20 p. m., Friday, 29 June, 1917.

[Only *five* questions to be answered].

1. How does the air of a badly ventilated room differ from ordinary air? State each difference in detail and its effects.
2. State the relation between the care of the teeth and general bodily health. Give some rules for the care of the teeth.
3. Name and explain the determining causes of near-sightedness.
4. What is the first aid for [a] burns and scalds, [b] fainting.
5. Write a note on Alcohol as a beverage, and discuss alcohol in connexion with [a] health, [b] wealth, and [c] happiness. Or, Give the chief arguments in favor of Prohibition. To what extent has Prohibition gained ground in the past year?
6. Discuss the character of milk and its possible unhygienic infections.

**SCHOOL MANAGEMENT.****2 to 3 p. m., Friday, 29 June, 1917.**(Only *five* questions to be answered).

1. What are some of the advantages to be gained by (a) power of describing (b) freshness of views (c) sympathy (d) cheerfulness on the part of the teacher?

2. Name some of the tests of a good school book. Can a teacher depend entirely on a good text book? Explain.

3. What is your opinion of drill and mechanical discipline in school? What are the differences, if any, between school and home discipline?

4. What do you think of (a) working on the sense of shame of a pupil, of (b) tasks, of (c) detention from play as methods of punishment?

5. What would you have children learn by heart? Give reasons for each subject you mention.

6. What do written examinations test? What do they not test? In which, oral or written, would "cram" give best results? Why?

7. Show how moral lessons are inculcated from (a) a language lesson, (b) a natural science lesson, (c) a history lesson.

**HISTORY OF EDUCATION.****3.10 to 4.10 p. m., Friday, 29 June, 1917.**[Only *five* questions to be answered].

1. Discuss Greek Education: [a] its content, [b] its method, [c] its moral purpose, and [d] its chief exponents.

2. Give a short account of education in the monasteries: [a] their studies, [b] their schools, [c] their manuscripts, [d] the seven liberal arts.

3. Write a short account of Montaigne or Comenius.

4. Give a brief digest of the Herbartian movement.

5. What do you understand by "State Schools?" To what extent are the schools in the following countries state schools? Great Britain, Germany, France, United States, Canada.

6. [a] What industrial tendencies are observable in modern educational systems? [b] Discuss those observable in Nova Scotia, estimating their probable value.

7. What do you mean by the "Emile?"

**PEDAGOGY.****4.20 to 5.20 p. m., Friday, 29 June, 1917.**[Only *five* questions to be answered].

1. (a) Distinguish between formal and informal education, stating the agents of the former and the limitations of the latter. (b) Does training in one line develop efficiency in another? Illustrate.



2. How does the function of habit aid efficiency? State instances of the change of habits by school life.
3. What do you understand by (a) practical judgment (b) conceptual judgment? Which is peculiar to the child? Explain with illustration.
4. "Reasoning in the strict sense of the word is a relatively rare process. Men rarely think." Explain this statement with illustrations.
5. What are the chief factors of efficient recall? Show the importance of at least one of them in education.
6. Mention three types of objective teaching, dealing with one in detail.
7. (a) What are the objections to the lecture method of teaching? (b) To what extent is it proper for the teacher to do the child's reasoning?

## UNIVERSITY GRADUATES' EXAMINATION.

1917.

### ENGLISH—(MINOR).

- 1 and 2. Write an essay on one of the following subjects:—
  - (a) National Service.
  - (b) Voluntary enlistment or Compulsory Service.
  - (c) The value of a Navy.
3. Write a note on "The Literature of the Old English Period."
4. What does Lounsbury say concerning the attitude of the "educated" towards spelling reform?
5. What authors are included in what Herford terms "The Wordsworth Group? Give an account of Robert Southey.
6. Write a short note on each of the following:—
  - (a) Thomas DeQuincey; (b) Charles Lamb.
7. Mention three authors belonging to the period termed by Walker "The earlier fiction," and give an account of one of them.
8. Write a short note on each of the following:—
  - (a) John Keble; (b) John Ruskin; (c) Charles Kingsley.
9. Give an outline of one of the following poems:—
  - (a) "Simon Lee."
  - (b) "Ruth."
  - (c) "Michael."
10. "The trait in Browning which appeals to the largest number of readers is his strenuous optimism." Discuss this statement, and illustrate your remarks by quotations. Or, Comment on the following features in Tennyson's poetry:—
  - (a) Skill in the choice of words; (b) Vividness in description. Illustrate your remarks by quotations.

11. Name the author and the poem from which each of the following extracts is taken:—

- (a) "I arise from dreams of Thee  
In the first sweet sleep of night."  
(b) "The combat deepens. On, ye Brave  
Who rush to glory, or the grave."  
(c) "Alas! for the rarity  
Of Christian charity  
Under the sun!"  
(d) "O blithe new-comer! I have heard  
I hear thee and rejoice!"  
(e) "O sire of storms! Whose savage ear  
The Lapland drum delights to hear!"

12. What comparison does Macaulay draw between the poetry of Milton and that of Dante?

#### LATIN—(MINOR).

1. (a) Write down the nominative and genitive cases plural of *aries*, *mulier*, *obses*, *senex*, *pecus* (herd), *pecus* (single beast), *facinus*, *foedus*. (b) Assign infinitives to the following supines and participles, *casum*, *fictum*, *fixum*, *tactum*, *tectum*, *textum*, *messum*, *tostum*, *tunsum*, *mensus*, *solitus*, *gavisus*.
2. (a) Write brief sentences in Latin illustrating the following rules of syntax: (1) All clauses subordinate to an indirect statement have their verbs in the subjunctive. (2) Intransitive verbs can be used impersonally in the passive voice. (3) Cum (quum) temporal in Historic tenses takes the subjunctive mood. (b) Give the forms of the following nouns illustrating the locative construction of Place Where: *Roma*, *Athenae*, *Corinthus*, *Rhodus*, *rus*, *humus*, *domus*.
3. State with illustrations the case (or cases) which follow the subjoined verbs and adjectives: *utor*, *persuadeo*, *accuso*, *celo*, *impero*, *interest*, *dignus*, *similis*, *par*, *fretus*, *memor*.
4. Correct the following sentences: (1) *Milites sub jugo missi sunt*. (2) *Cum quinque millibus sociis Romam pervenit*. (3) *Hoste captus est*. (4) *Hostium auxilium usus est ut urbem nocuit*. (5) *Utinam te possem (why not possim?) persuadere*.
5. Explain the terms *Calendae*, *Nonae*, *Idus*, and give a general outline of the Roman Calendar system.
6. Translate:  
Obsidio deinde per paucos dies magis quam oppugnatio fuit, dum vulnus ducis curaretur. per quod tempus ut quies certaminum erat, ita ab apparatu operum ac munitionum nihil cessatum. itaque acrius de integro coortum est bellum, pluribusque partibus, vix accipientibus quibusdam opera locis, vineae coepitae agi ad-moverique aries. abundabat multitudo hominum Poenus; ad centum quinquaginta milia habuisse in armis satis creditur; oppidani ad omnia tuenda atque obeunda, multifariam distineri coepti, non sufficiebant.

- (1) What is the distinction in force between *ut-ita* and *ita-ut*.  
(2) Account for the mood of *curaretur*. Discuss generally the use of moods after *dum*. (3) Explain the meaning of *vineae* and *aries*.

7. Translate:

Fuit in illo ingenium, ratio, memoria, litterae, cura, cogitatio, diligentia; res bello gesserat, quamvis rei publicae calamitas, at tamen magnas; multos annos regnare meditatus, magno labore, magnis periculis quod, cogitarat effecerat; muneribus, monumentis, congiariis,<sup>1</sup> epulis multitudinem imperitam delenierat;<sup>2</sup> suos praemiis adversarios clementiae specie devinxerat. Quid multa? Attulerat iam liberae civitati partim metu partim patientia consuetudinem serviendi.

1. From congiarum, a largess.
2. From delenio, to cajole, to win over.

8. Translate:

Et nunc, quod patrias vento petiere Mycenae, arma deosque parant comites, pelagoque remenso improvisi aderunt; ita digerit omina Calchas. hanc pro Palladio moniti, pro numine laeso effigiem statuere, nefas quae triste piaret; hanc tamen immensam Calchas attollere molem roboribus textis, caeloque educere iussit, ne recipi portis, aut duci in moenia posset, neu populum antiqua sub religione tueri.

- (1) Write a note on the special forms *petiere* and *statuere*. (2) Parse and explain mood of *piaret*. (2) What would be the prose contraction of *remenso* of *caelo*.

9. Translate:

omnibus in terris, quae sunt a Gadibus usque Auroram et Gangem, pauci dinoscere possunt vera bona atque illis multum diversa, remota erroris nebula. quid enim ratione timemus aut cupimus? quid tam dextro pede concipis ut te conatus non paeniteat votique peracti? evertere domos totas optantibus ipsis di faciles. nocitura toga, nocitura petuntur militia; torrens dicendi copia multis et sua mortifera est facundia, viribus ille confusus periiit admirandisque lacertis.

Explain constructions of *voti* and *viribus*.

10. Write a note distinguishing between Horace and Juvenal as satirists, or between Livy and Tacitus as historians.

MATHEMATICS—(MINOR).

1. Solve completely  $\sin 7x = \sin 4x - \sin x$ .
2. Prove  $\tan 7\frac{1}{2}^\circ = \sqrt{6} - \sqrt{3} + \sqrt{2} - 2$ .
3. Find  $x$  if  $2 \cot 2^\circ + \cos^{-1} \frac{1}{2} = \operatorname{cosec} x$ .
4. In a spherical triangle  $C = 90^\circ$ ; prove  $\sin(c-a) = \sin b \cos a \tan B$ .
5. Find the sum of  $n$  terms of the series whose  $n$ th term is  $3n^2 - n$ .
6. Obtain all values of  $x$  and  $y$  less than 100 which satisfy  $8x - 21y = 33$ ,  $x$  and  $y$  being positive integers.

7. Obtain the greatest term in the expansion of  $(a+x)^{12}$  if  $4x=3a$ .
8. In how many ways can an arrangement of 4 letters be made from the letters of the word "entente"?
9. On a given line draw a figure similar to a given pentagon.
10. Planes bisecting the dihedral angles of a tetrahedron are concurrent.
11. A line parallel to 2 planes is parallel to their line of intersection.
12. Obtain a formula for the volume of the frustum of a pyramid.

### CHEMISTRY—(MINOR).

1. How would you show that in the making of oxygen from a mixture of potassium chlorate and manganese dioxide the chlorate is changed, but not the dioxide?
2. How can the speed of chemical action be used as a means of measuring activity; such for instance as the preparation of hydrogen by the use of different metals? Consider specially precautions that are to be observed in the experiment.
3. Give, with equations, the reaction which takes place in each case when the following nitrates are heated; sodium nitrate, lead nitrate, copper nitrate, mercuric nitrate, ammonium nitrate (several of these decompositions are given in the text book as a method for preparing certain gases).
4. Discuss the different phosphoric acids and the phosphates: *or*, discuss silicates.
5. What do you know about the gases used by the Germans, and methods for combating them? *or*, Discuss methods for making illuminating gas.
6. Give what you can regarding the solubility of different salts in water. How is the insolubility of salts made use of in chemical analysis?
7. Give a short discussion of the phase rule. *or*, Discuss the principles of manufacture of mortar, cement, or glass.
8. The action of hydrochloric acid on potassium chlorate by which, among other things, chlorine and chlorine peroxide are formed, is rather complex and the equation somewhat difficult to write unless it is built up of simple equations which may be considered to represent the stages of the complex reaction. Try to form such simple equations, and add them to make a complete equation representing the whole reaction.
9. What do you know about the chlorides of tin. *or*, Discuss the activity of acids in view of the dissociation theory.
10. What volume of oxygen at  $10^{\circ}$  C and 750 mm. is obtained by heating 50 grams of barium peroxide? ( $Ba = 137$ ).

### CHEMISTRY—(MAJOR).

1. If you were asked to decide whether a certain colorless liquid was organic or inorganic how would you do so? If, after you had decided it to be organic you were told that it was either an alcohol, an aldehyde, or a cyanide, how would you determine which of the three it was?

2. Give the structural formula of oxalic acid, succinic acid, malic acid, tartaric acid and citric acid. Which of them are optically active? Give reason for your answer. Discuss *any one* of them fairly fully.

3. What are the distinguishing characteristics of aliphatic and aromatic compounds? How can aniline be made from benzene?

4. Discuss shortly glycerine and the compounds from which it is obtained and the compounds which can be obtained from it.

5. Why are the particular group reagents employed in separating the metals rather than others (e. g., why not start with caustic soda instead of hydrochloric acid?). Why are the reagents taken in the order employed rather than in the reverse order? (This question is not a recondite one, needing simply common sense. Do not hesitate to put down an answer that seems simple provided it is at the same time sensible).

6. How would you separate the four metals, nickel, cobalt, zinc, and manganese, if in solution together?

7. How would you determine quantitatively, calcium or magnesium in a solution, *or* lead in an ore? Give details of the process.

8. What do you understand by the "Electrolytic Dissociation Theory" and what arguments can you give in support of it?

9. Discuss the phase rule, using either water or sulphur in illustration.

10. Give with whatever detail you can in the time, any branch of Liebig's work.

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### PHYSICS—(MINOR).

1. Prove in any way you choose that in acceleration the unit of length is involved once and the unit of time is involved twice. How are the fundamental units involved in the unit of force?

2. A train weighing 120 tons goes for two miles up an incline of one in one hundred. Calculate in foot pounds the work done if friction is neglected. What is the work measured in foot poundals?

3. Explain the difference between the apparent and absolute expansion of liquids and show how the absolute expansion may be determined.

4. Show that the product  $P V$  gives the work done by a gas expanding at constant pressure  $P$  thru a volume  $V$ .

5. Why is there a difference in pitch between the whistle of a locomotive rapidly approaching and the same whistle rapidly receding from the listener? (This is the Doppler principle). What is the corresponding phenomenon in the case of light?

6. Discuss double refraction, including the Nicol's prism; *or* Faraday's ice pail experiments illustrating induction of statical electricity.

7. What do you know about Maxwell's electromagnetic theory of light; *or*, the Zeeman effect?

8. Discuss the general principle of thermo-electricity and the thermo-electric diagram. What is meant by the Peltier effect? *or*, Discuss the passage of electricity thru gases.

9. Calculate the power required to light 80 incandescent lamps if the E. M. F. required be 65 volts and the current required by each be 0.8 amp. If the lamps be all in parallel and the leads have a resistance of 0.5 ohm calculate the power wasted in them.

10. Discuss any other subject or problem in Physics not related to any question given above, in order to show the character of your knowledge of Physics where you feel you are best prepared.

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### GEOLOGY—(MINOR).

1. Write a short account of ore deposits (under this heading, magmatic segregation, marine segregation, and the influence of contacts would come).

2. Discuss concretions, nodules, etc. What is meant by septaria? *Or*, Discuss metamorphism.

3. Give different ways in which mountains and hills are formed. Illustrate by examples in Nova Scotia, if you can.

4. The Maritime Provinces and part of Quebec are included in what is called the Appalachian Region. Give a description of the *general* characters of this region, *or*, a particular account of some special part of it.

5. Describe different ways in which igneous rocks may become exposed at the surface of the earth.

6. Discuss the character of *any two* of the following fossils giving the geological formation in which they occur: *trilobites, orthoceras, brachiopods, ammonites, dinosaurs, lepidodendron.*

7. Compare the coal fields on the East and West sides of Canada. *or*, Compare the coal fields of Cape Breton and Pictou.

8. What is meant by each of the following: *slate, gabbro, unconformity, drift, geyser, breccia.*

9. Discuss the action of streams, *or*, of the sea, both in erosion and in deposition.

10. Discuss the action of glaciers.

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NOTE:—As only a few copies of the other question papers of the University Graduate Examination were required, they were not printed.

PASS LIST, 1917.

COUNTY ACADEMY ENTRANCE EXAMINATION.

[Regular Examination in June, *Supplementary* in August or September on subjects of the Common School Course.]

[The *valuations* of candidates' examination papers, under the regulations of the C. P. I., and instructions from The Education Department, are made by the Principal and the staff of each County Academy.]

Academy	No. of Candidates	Passed.
Annapolis.....	16.....	15
Antigonish.....	58.....	23
Cape Breton.....	182.....	99
Colchester.....	59.....	33
Cumberland.....	65.....	27
Digby.....	15.....	1
Guysboro.....	17.....	12
Hants.....	22.....	33
Inverness.....	8.....	2
Kings.....	14.....	10
Lunenburg.....	36.....	23
Pictou.....	35.....	29
Queens.....	22.....	9
Richmond.....	6.....	5
Shelburne.....	11.....	6
Victoria.....	12.....	20
Yarmouth.....	57.....	25

## PASS LIST, 1917.

### PROVINCIAL HIGH SCHOOL EXAMINATIONS.

The Candidates' names are not in order of merit.  
They are given in the order in which they appear in the Deputy Examiner's Report.

[The valuation of Candidates' examination papers is made by the Provincial Examiners, according to the Regulations of the Council of Public Instruction, of which the following are the most important.]

Reg. 223. (2) Generally the "High School Pass" in all grades shall be an average of 50 per cent with no subject below 30 per cent on a group of six subjects for Grades IX, X and XI; and a group of nine papers with no subject below 30 per cent. (in the case of two papers an average of 30 per cent.) for Grade XII.

(3) Generally the "Teachers' Pass" shall be an average of 60 per cent. on a group of six subjects in Grades IX, X and XI; and on a group of nine papers for Grade XII with no subject below 40 per cent. (in case of two papers an average of 40 per cent.). 50 per cent. however must be made on *English* in each grade for a "Teachers' Pass."

(4) Candidates may write on more than the six subjects or nine papers indicated in (2) and (3). In such case the "pass" shall be determined by the group including the *highest* six subjects or the minimum group of papers as the case may be.

Reg. 103. (a) Candidates failing to make a High School Pass in the grade applied for shall be ranked as making a High School Pass in the grade next below, provided an average of 40 per cent. with no subject below 25 (in the case of two papers an average of 25) be made; and as making a pass in the grade second below provided an average of 30 per cent. be made.

(b) Candidates failing to make a Teachers' Pass in the grade applied for shall be ranked as making a Teacher's Pass in the grade next below, provided an average of 50 per cent. be made, with no subject below 30 (in case of two papers an average of 30); and as making a Teachers' Pass in the grade second below, provided an average of 40 per cent. be made.

A High School Pass (low pass) of any grade ranks as a Teachers' Pass (high pass) of the grade next below.

The pass list shows in order (1) the name of the successful candidates, (2) the number of papers written, and (3) the total aggregate of marks.

Where necessary names are abbreviated so as to be contained in one line, altho the records have the names in full.



ADVOCATE—(30 candidates).

X. (42 candidates).

XI. (2 candidates).

Lizzie Catherine Morris 6:321

X. (9 candidates).

Elita F. Suthergreen (XI) 6:254  
 Effa Arabell Milton 6:300  
 Thelma Mary Turple 6:320  
 Emma Alexia Ward 6:303

IX. (19 candidates).

Marie Maude Warde (X) 6:264  
 Margaret Janette D'Orsay 6:366  
 Mabel Isabel Johnston 6:372  
 Nolan Reginald Morris 6:350  
 Jennie Juanita Leslie 6:342  
 Laura Louise Taylor 6:310  
 Ella Mae Field 6:352  
 Alma Nora MacAleese 6:301  
 Thelma Augusta Merriam 6:339  
 Georgia Edith Smith 6:361

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 6; IX, 10).

AMHERST—(138 candidates).

XII. (9 candidates).

Eva Marie Ball 9:698  
 Helen Beatrice Chapman 10:709  
 Minetta Elliott Doyle 10:822  
 Roberta McKenzie Forbes 10:722  
 Florence Jean McConnell 10:608  
 Neita Olivia MacDonald 10:517  
 Hazel Marguerite White 9:620

XI. (21 candidates).

Gladys Mary Trerice (XII) 9:490  
 Ruth Bertha Smith 6:470  
 Ursula Dixie Smith 6:343  
 Dorothy E. Lowther 6:386  
 Mary Lillooet Lusby 6:365  
 Vina Mary Mills 6:317  
 Mary Edesse Muise 7:414  
 Constance Murray McLeod 6:312  
 Margaret J. Ratchford 6:364  
 George Arthur Selig 7:516  
 Jessie Kathryn Thompson 6:374  
 Pearl Martha Trerice 7:553  
 Olga Reta Beaton 6:411  
 Elsie May Bond 7:362  
 Theodore Brown 7:490  
 Annie Olga Chapman 7:310  
 Eva Grace Corkum 6:376  
 Jean Denovan Jones 6:368

Georgina R. Ripley (XII) 10:436  
 Jessie E. G. Lowther (XI) 6:346  
 Queenie M. McConnell (XI) 7:286  
 Mary Clarissa Etter (XI) 6:270  
 Annie Mae Brown 6:370  
 Eva Winnifred Smith 6:362  
 Mary E. Doncaster 6:426  
 Sara Elizabeth Lavers 6:334  
 Ada Blanche Doncaster 6:332  
 Christina F. Bowman 6:338  
 Greta Avora Nelson 6:409  
 Mary Louise White 7:479  
 Kathleen R. Atkinson 7:340  
 Lewis Bernard Black 6:379  
 Nora A. Broughton 6:437  
 Charles George Colchester 6:426  
 Hazel E. Carter 7:540  
 Constance Cresswell 6:415  
 Flora Chapman 6:369  
 Bert Chapman 7:529  
 Mary Minerva Fillmore 7:583  
 Hazel E. FitzPatrick 6:375  
 Lawrence E. A. Fraser 7:382  
 Georgia Somes Gillis 6:398  
 Irene Pearl Jollymore 7:572  
 Rachel L. Linder 7:514  
 Helen E. Lugsdin 7:598  
 Margaret M. McLellan 7:480  
 Florence M. Nicole 7:431  
 Elda Mae Strang 6:486  
 Emma Amelia Smith 7:622  
 Bernice E. Stultz 6:436  
 Minnie White 6:435  
 Emma Dorietta Leed 6:440

IX. (56 candidates).

Charlotte Pearl Gray (XI) 6:188  
 Clara Estella Carter (X) 6:296  
 Lily Oressa Lavers (X) 6:287  
 Eleanor Claire Logan (X) 6:287  
 Gladys Susie Hunter (X) 6:285  
 Ola Belle Newson 6:335  
 Lillian Isabell Dysart 6:321  
 Katherine B. Chappell 7:380  
 William Gerald Ormond 7:419  
 Kathleen Horan 7:438  
 Eileen Genevieve Ormond 7:474  
 Mary Marjorie I usby 7:374  
 Kenneth A. M. Parker 7:461  
 Mamie Loretta Smith 6:313  
 Rufus Whitney Carter 6:304  
 Mary Margaret Davidson 6:308  
 Richard Aldon Davidson 6:383  
 Nathan Deane Miner 6:419  
 Margaret Leonard Beer 7:446  
 Dorothy Loraine Brownell 6:384  
 Mabel Burgess 7:390  
 Gladys A. Bryenton 7:500  
 Kathleen Christie 6:369  
 Gertrude Gladys Chapman 7:531  
 Hazel V. Crossman 7:380  
 Helen W. Greenough 7:503

Edith Jean Godfrey	7:533	Caroline Mildred Gilleatt	6:332
Lucille Mary Johnson	7:461	Audrey Maude Bishop	7:339
Dora Dean Lusby	7:495	Olive Frances Burnham	7:426
Blanche Emma Lawrence	7:445	Jeanne Alexis Pickles	7:363
Malcolm C. S. McLeod	7:467	Henry Gordon McCormick	7:404
Alma Victoria McLean	6:406	Annie Hazelwood Miller	7:404
Laura Smith Martin	7:434	Mary Marguerite O'Dell	7:401
Alfred Creelman Milner	8:529	Nina Hazel Apt	7:428
Kathryn Lucille Morash	7:520	Pamela Emma Indoe	8:399
Nina Eulalie Morash	8:536	George Arnold Harnish	6:349
Susie Alice Murray	6:492	Olive Velzian Atlee	8:496
Lottie Ida Noills	7:463	Ethel Gertrude McCormick	7:420
Marion Barbara Read	7:438		
Avard Sarah Ripley	7:420		
Ralph Barker Rideout	6:391		
Beatrice Nita Selig	7:556		
Mary Embree Trenholm	7:530		
Georgia Grant Whitman	7:472		
Rae Norman Walsh	6:408		
Lester Marshall Chapman	6:318		

Unsuccessful, (XII, 0; XI, 0; X, 8; IX, 15).

ANNAPOLIS—(60 candidates).

XI. (17 candidates).

Ethel May Jefferson	8:499
Hattie Hilda Harnish	8:559
Zaidee Tremaine Horsfall	8:547
Howard Edward Reid	8:464
James Alton Collins	7:434
Fred Allen Wentzell	7:344
Lucy Hall Longmire	6:387
Marion Louise Troop	6:420
Blanche Ombra Gibson	6:324
Florence Hildred Bishop	6:362

X. (19 candidates).

Cecilia Matilda Layton (XI)	8:308
Marguerite Alice Bancroft	6:392
Mary Louise P. Robinson	6:303
Arthur Gordon Banks	7:481
Susie Lillian Carr	8:473
Alice Olive Armstrong	6:326
Pauline Alice Harris	8:442
Mildred Blanche Fairn	7:450
Eva Elizabeth Sprout	6:365
Ethel Christine Ruggles	7:374

IX. (24 candidates).

Audrey Beatrice Goucher (XI)	6:219
Hazel Beryl Gilliatt (XI)	6:222
Paul Cogswell Croscup (XI)	6:253
Hilda Rippy (XI)	7:241
Mary Elizabeth Miller (XI)	7:243
Frank Byron Pickels (XI)	6:239
Ruth Elizabeth E. Goucher (X)	7:270
Ira McIntosh Jones (X)	7:300
Nina Edith Wheeler	6:316
Josephine Arabella Amberman	6:341
Ruth Lavinia Mills	6:350
Leola Pansy Patterson	6:389

Unsuccessful, (XI, 0; X, 8; IX, 8).

ANTIGONISH—(188 candidates).

XII. (20 candidates).

James William MacNeil	9:496
James Edward MacArthur	10:600
Mary Marjorie McDonald	10:500
Mary McNeil	11:528
Annie MacEachen	9:529
Helen Dolores Laidlaw	11:524
Catherine Isabel MacEachen	10:630
Mary Patricia Ryan	10:491
Annie Isabel MacNaughton	9:558
Christina Anne McDonald	10:571
Richard V. Bannon	10:634
Catherine V. Campbell	10:482

XI. (41 candidates).

James William Chisholm (XII)	10:499
Alice Eleanor Boyle (XII)	9:436
Llewellyn M. Reese (XII)	9:548
Florence Kathleen Pye (XII)	10:464
William P. DeCoste (XII)	9:443
Gertrude Sophia McNeil (XII)	10:455
Patrick Sarsfield Morrison	7:398
Hugh Joseph Somers	8:430
John Abraham Chiasson	7:381
Curtis Henry Hillier	7:395
Murdoch John Sampson	7:335
George Roy Inglis	6:373
Elizabeth C. Henderson	7:388
James Arthur Forbes	7:372
Jennie McNeil	7:341
Sadie Isabel McIsaac	7:451
Hugh Martin MacDonald	8:458
Catherine Cecelia Inglis	7:443
Mary Agnes Dunn	8:546
Sadie J. McGillivray	6:371
Sadie Hogan	6:329
Katherine Chisholm	8:422
Anna Somers	8:472
Marion Bond	8:440
Laura Waterman McLean	8:443
Norma Gilpin Millidge	6:375
Helen Louise Holland	6:397
Claude Murray Kirk	8:413
Eva Katherine Fogarty	6:402
Roberta MacDonald	8:502
Mary C. Donovan	7:388
Mollie Margaret Ormond	6:383

X. (53 candidates).

Paul McNeil (XII)	9:443
Colin F. McIsaac (XII)	9:432
William H. Manson (XI)	7:282
Daniel I. McLean (XI)	6:254
Mary Margaret Gillis (XI)	7:308
Hilda O'Brien (XI)	7:312
Annie C. Kennedy (XI)	6:292
Jennette Chisholm (XI)	7:273
Clara C. Macdougall (XI)	7:312
Isabel Gillis (XI)	7:310
Anna Hilda McPhee	8:337
Rose Mary McAdam	8:413
Anna Bell McDonald	7:348
Teresa Sears	7:374
Ina Emma Simpson	8:498
Nora Margaret Keating	7:434
Ruperta E. Cunningham	8:443
Stanley S. Joscelyn	8:411
Florence R. Macdonald	8:402
Jennie Cameron	7:388
Katherine S. Foster	7:324
Margaret A. McLean	7:355
Sarah H. MacDonald	6:337
Margaret Ida McLean	6:391
John Dan MacDonald	7:321
John Angus MacDonald	8:410
Anna May Power	7:386
James G. McKeeough	6:371
William Garvie	6:365
Sarah B. McInnis	6:303
Angeline McEachern	7:396
Jessie Irene Smith	8:491
Anna May Hierlyhie	6:362
Mary Catherine Beaton	7:433
Sarah E. MacInnis	8:480
Mary MacIsaac	7:420
Helen M. McMillan	7:354
Sara Jane MacLean	7:356
Mary McKeil	7:361
Mary M. Fitzgerald	7:391
Isabella McDonald	7:333
William F. Stewart	7:469
Susie Dove Dewar	6:393
Thomas Edwin Kirk	7:379

IX. (73 candidates).

Alexander McDonnell (XI)	8:300
Cecilia Chisholm (XI)	6:202
Gertrude E. Dunn (XI)	6:222
Mary Jane Fraser (XI)	6:245
Ludger Arsenault (XI)	7:309
Lola Helen Greene (XI)	6:236
Mary A. Cameron (XI)	8:242
Marion McDonald (X)	6:243
Dougald Cameron (X)	6:261
Chrissie McDonald (X)	8:287
Anna McKeil (X)	7:329
Kathleen Gorman (X)	6:290
Mary Jane Breau (X)	7:303
Annie Jane McIsaac (X)	7:266
Mary F. Meagher (X)	7:261
Mary MacIsaac	7:352
Marcella Hanrahan	8:492

Lillie M. Gillis	7:402
Rita Frances Ahern	7:346
Helen Barbara Ahern	7:385
Patrick Levangie	7:347
Annie McDonald	8:383
Catherine A. MacDonald	7:365
George W. Sinclair	6:313
Ada Jane Mattie	6:315
Margaret K. MacPhie	6:303
Leslie B. Stewart	7:391
Evelyn N. Wilkie	7:393
Anna C. Chisholm	8:358
Margaret C. MacKinnon	7:412
Annie I. Keizer	7:343
Catherine A. Grant	7:417
Charlotte V. DesLauriers	7:402

Supplementary, (4 candidates).

Unsuccessful, (XII, 1; XI, 0; X, 11; IX, 55).

ARICHAT—(59 candidates).

XI. (14 candidates).

Helen Frances Bissett	8:570
Mary Agnes Macdonald	8:407
Marie Estelle Boudreau	8:459
Mary Louisa A. Grimes	8:384
May Isabelle Dortt	7:352
Marie Eleanore Porper	8:418

X. (19 candidates).

Caroline Cecelia Landry (XI)	7:307
Emma Marchant (XI)	7:274
Alice Emma Goodyear	6:767
Ivy May Edwards	7:484
Anna Eugenia Robertson	7:418
Marie Blanche Boudreau	7:377
Mary Ethel Samson	7:349
Simon Daniel Samson	6:369
Delta Elizabeth LeBlanc	7:405

IX. (26 candidates).

Mary Alfreda Poirier (XI)	7:323
Marie Regine LeBlanc (XI)	7:232
Margaret Mary Doyle (XI)	6:217
Constance Ursula Webb (XI)	8:450
Simon Gilbert Poirier (XI)	7:305
Dorothy Sybil Fiott (X)	7:249
Marguerite Marie-Boudreau (X)	7:341
Mary Marcellina Pertus (X)	7:302
Theresa Annie Doyle	8:349
Marjorie Josephine DeRoche	8:347
Hilda Mary Cutler	8:359
Christina Agnes Doyle	8:364
Mildred DeRoche	8:337
Anita Boudreau	8:463
Mary Cordeau	8:416
Yvonne Joyce	8:364
Alexander P. Poirier	7:369
Constance Poirier	7:313

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 9; IX, 16).

BARRINGTON—(31 candidates).

XI. (4 candidates).

X. (12 candidates).

Beudah Muriel Van Amburg (XI) 6:280  
James Cameron Kenney 6:305  
Verna Isabelle Reynolds 6:406  
Elizabeth Maie Smith 6:378

IX. (15 candidates).

Mary Amelia Forbes (X) 6:275  
Mary Eliza Snow (X) 6:292  
Vera Ethel Snow (X) 6:287  
Burton Arthur Gardner 6:344  
Laurence Prescott Patterson 6:412  
Nellie Nash Snow 6:336  
Veda Charleen Snow 6:378  
George Allen Nickerson 6:325

Unsuccessful, (XI, 3; X, 6; IX, 10).

BADDECK—(64 candidates).

XI. (8 candidates).

Mabel A. McRae 6:314  
Murray W. McDonald 6:430  
Dolena Catherine McLeod 6:331

X. (29 candidates).

Armenia Harriet Rice (XI) 6:318  
Mora C. McKinnon (XI) 7:303  
Marion C. McRae 6:377  
Jessie R. MacDonald 6:430  
John Dan MacPhee 6:358  
Mary E. MacKenzie 6:397  
Catherine M. MacAulay 6:373  
Katherine M. Fraser 6:435  
Charles Lauchlin Fraser 6:321  
James D. Fraser 6:379  
Ruby Lillian McRae 6:358  
Margaret Mary MacKenzie 6:379  
Ruth Rebecca MacRae 6:383  
Alexander J. McLeod 6:336  
Frank John McLeod 6:371

IX. (28 candidates).

Hazel G. McIvor (XI) 6:218  
Nellie M. Crowdis (XI) 6:297  
Roderick P. Morrison (X) 6:323  
Rachel F. MacDonald (X) 6:266  
Edward D. Logan (X) 6:351  
Murdoch Stewart 6:344  
Kennie McLeod 7:365  
Annie Mary Murray 6:316  
Corona Mary Matheson 6:336  
Ethel Grace Moreley 8:461

Dan John MacQueen 6:335  
John Morrison 6:312  
Neil Mack MacDonald 7:342

Unsuccessful, (XI, 1; X, 12; IX, 20).

BEAR RIVER—(46 candidates).

XI. (15 candidates).

Ethel Marguerite Hubly 7:351  
Marion Mabel McClelland 6:392  
Louise Lockwood Purdy 7:522  
Milton Carleton Frazee 6:433  
Ethel B. Woodworth 6:358  
Voorheis Morse Ditmars 7:438  
Seretta May Croscup 6:333  
Bernice E. Rogers 7:468  
John Lionel Roop 7:347  
June Sophia Schmidt 7:521  
Hildred Alice Harris 6:445

X. (15 candidates).

Mildred Roberts Harris (XI) 6:241  
Winnifred P. Chute 6:375  
May Irene Ruggles 6:398  
Ethel F. T. Purdy 6:501  
Phyllis E. Mallett 6:498  
Kathryn W. Purdy 7:446  
Hilda Marie Chute 6:354  
Ira Manning Harris 6:366  
Charles H. Brinton 6:338  
Bessie H. Wright 6:367  
Della A. McCormick 6:331  
Hattie A. Rice 6:309  
Maud L. Crandall 7:361

IX. (16 candidates).

Eva Mae Hubley (XI) 7:195  
Clara Miller (XI) 6:237  
Ruth F. Woodworth (XI) 6:323  
Mary E. Simpson (X) 6:324  
Leslie Wilfred Snell (X) 6:271  
Dorris Maria Mallette 6:306  
Ruth Hazel Sulis 6:398  
Vera E. Ditmars 6:354  
Vivian Mary Pyne 6:350  
Elsie A. Potter 7:396  
Miriam E. Wade 7:540  
Frank Pearl Kempton 6:342  
Gertrude H. Barr 6:345  
Mary Reta Rogers 7:354  
Stella Rae Henshaw 6:306

Supplementary, (2 candidates).

Unsuccessful, (XI, 0; X, 1; IX, 6).

BERWICK—(71 candidates).

XI. (13 candidates).

Etta Maie Hale 8:491  
Lytle Emelie Turner 6:352

Karl Harrington Clarke	7:356
Laura May Veinott	6:330
Mary Elizabeth Webster	6:425
Freda Gertrude M. Smith	7:385
William Gordon Woollard	6:377
Hazel Frances Kinsman	8:476

X. (28 candidates).

Kathleen Abbie McConnell (XI)	6:282
Frances Elroy Calkin (XI)	6:243
Alethea May Borden	6:331
Clara Edythe Elliott	6:336
Mildred Lorena Wood	7:330
Gertrude Algee	6:310
Helen Greta Bowlby	6:329
Mary Hazel Armstrong	6:425
Leota Jean White	6:345
Vera Adelia Armstrong	6:319
Annie Augusta Morton	7:532
Pauline Page Pineo	6:339

IX. (30 candidates).

Lillian Alberta Marshall (XI)	7:241
Grace Bernham McConnell (XI)	6:309
Margaret Mills Schaffner (XI)	6:223
Lulah Maud Marchant (X)	6:291
Edith Lucy Belle Chute (X)	6:259
Vera May Bowlby (X)	7:292
Helen Rebecca J. Chute (X)	6:298
Myra Elizabeth Lee	6:338
Margaret Elizabeth Wheeler	6:327
Eva May Hiscoe	6:324
Elsie Idella Hiltz	6:363
Emma Alberta Fisher	6:316
Gladys Muriel Hall	6:479
Harriet Eliza Brydon	6:339
Mary Elizabeth Pinneo	6:358
Velma Leora Hird	6:330
Clarice Emma Illsley	6:402
Kathleen Elberta Bowlby	6:446
Ernest Mills MacDonald	6:306

Supplementary, (3 candidates).  
 Unsuccessful, (XI, 0; X, 16; IX, 18).

BRIDGETOWN—(102 candidates).

XII. (2 candidates).

XI. (26 candidates).

Sara E. Longley (XII)	10:476
Ruth R. Fowler	6:377
Edna D. Price	6:302
Marion I. Whitman	6:318
Muriel E. Elliott	6:406
Edmund B. Hall	6:360
Wilfred S. Brooks	6:424
Rita C. Abbott	6:345
Evelyn R. Dodge	6:302
Jean B. Palfrey	6:808
Frances J. Messenger	6:427
Donald B. Messenger	6:361

Lena B. Foster	6:327
Pearl M. Bishop	6:354
Herbert A. Henson	6:373

X. (37 candidates).

Cynthia Jane Bent (XII)	10:398
Harold B. Fraser (XI)	6:280
Ruperta K. Bent (XI)	6:266
Hazel J. Freeman	6:420
Jemima A. Beardley	6:302
Helen E. Chipman	6:402
Susie A. Bent	7:389
Eva H. Banks	6:301
Caroline I. Horton	6:434
Vivian R. Longmire	6:310
Marion B. Morgan	6:441
Erle F. Saunders	6:423
Alfred C. Charlton	7:451
Eva R. Jackson	6:555
Grace E. Rice	6:347

IX. (37 candidates).

Stewart G. Boland (XI)	6:339
Maria E. V. Bailey (XI)	6:246
Lizzie F. Troop (XI)	6:218
Vera F. Longley (XI)	6:282
Kathryn C. Fraser (XI)	6:215
Annie E. Goodwin (XI)	6:242
Nellie H. Walker (XI)	6:270
Vera M. Hudson (XI)	6:272
Harry E. Balcom (XI)	6:193
Florence N. Miller (XI)	6:216
Harold B. Miller (X)	6:259
John Stark Troop (X)	6:290
Bertha A. Fulmer (X)	6:299
Hettie G. Rice (X)	6:295
Helen D. Piggott (X)	6:291
John W. Ricketson (X)	6:240
Alice L. Banks (X)	6:315
Jean E. MacPherson	6:365
Alice M. Piggott	7:321
Frances E. Fowler	6:328
Ethyl M. Craig	6:389
Marion Marshall	7:330
Lizzie A. Sabean	6:306
Mary H. Hicks	7:422
Mary H. Walker	6:336
Barbara M. Willett	6:307
Minnie A. Hall	6:347
Jennie M. Daniels	6:344
Walter W. Ricketson	6:326
Joseph E. Lilly	6:424
Owen T. Rumsey	6:332
Ronald C. Bishop	6:394
Willoughby M. Phinney	6:357

Unsuccessful, (XII, 0; XI, 0; X, 18; IX, 21).

BRIDGEWATER—(121 candidates).

XII. (1 candidate).

Mona Thompson	9:592
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## XI. (18 candidates).

Cora Alexandra Wile	8:615
Merle Theodore Crouse	6:327
Hazel Etta Kaulbach	6:318
Ida Leone Naugler	6:303

## X. (36 candidates).

James R. Bain (XI)	8:289
Grace A. Cook (XI)	7:279
Pauline Corkum (XI)	7:269
Eva B. Crouse (XI)	6:313
Ruby B. Morgan (XI)	7:281
Frieda M. Tupper (XI)	8:262
Hazel Annie Selig	6:387
Alice E. Hirtle	6:433
Hazel G. Sperry	6:406
Grace F. Jodrey	6:354
Viola Rodenhizer	6:375
Elsie M. Weagle	6:336
Charles L. Hirtle	6:480
Mary A. Hirtle	6:349
Lois J. V. Wagner	6:458
Helen B. Morton	6:451
Jennie Lee Wentzell	6:336
Pauline A. Wambach	6:359
Effie May Seamone	6:370
Louise Mildred Baker	6:376
Emily Catherine Baker	6:411
Mary Matilda Corkum	6:393

## IX. (67 candidates).

Ruth Augusta Bolivar (XI)	6:197
Helen M. Wentzell (XI)	7:246
Margaret E. Croucher (XI)	7:236
Princess V. Turner (XI)	6:249
Ralph N. Stuart (XI)	6:234
Ethel P. Hebb (XI)	6:217
Gladys H. Zwicker (XI)	6:218
Blanche Spurr Cook (X)	7:234
Norman A. Fralic (X)	6:289
William A. Whyte (X)	7:277
Elfreda M. Wile (X)	6:302
Hilda G. Zwicker (X)	8:399
Jennie M. Durling (X)	6:263
Dorothy May Baker	7:371
Mildred Agatha Baker	8:537
Beatrice P. Bollivar	8:421
Arnold St. C. Christopher	8:456
Arthur W. Cook	7:338
Miriam L. Ernst	8:476
Arnold Ross Hebb	8:392
Henry F. Himmelman	8:437
Gladys E. Kedy	8:458
Mildred E. Rafuse	8:366
James A. Tupper	8:378
Edward M. Waterman	8:336
Olive A. Weagle	8:356
Florence G. Wentzell	8:371
Arlie G. Hirtle	8:489
Carroll H. Silver	8:443
Marguerite A. Fancy	6:342
Vera M. Weagle	6:326
Leslie M. Naugler	6:341
Hattie R. Meldrum	6:389

Marion E. Seamone	6:386
Grace Darling Slaunwhite	6:430
Lila B. Webber	6:398
Gladys V. Rissner	6:406
Jennie B. Eisnor	6:433
Lola M. Feener	6:358
Clarence E. Richards	7:455
Allan R. Rafuse	7:457
Cecil S. Smith	6:364
Mildred L. Smith	6:389
Harold Carver	6:302
Ethel B. Crouse	6:317
Jennie E. Bolivar	6:381
Dora L. Haughn	6:340
Inez V. Estey	6:303
Roxie V. Feindel	6:344
Hilda G. Dauphinee	6:331
Sadie F. Ramee	6:373
Mabel B. Dauphinee	6:330

## Supplementary, (5 candidates).

Unsuccessful, (XII, 0; XI, 1; X, 13;  
IX, 28).

## CALEDONIA—(54 candidates).

## XI. (9 candidates).

Gladys Garnet MacAdam	6:369
Ralph Roland Harlow	6:435
Louisa Mabel Naas	6:326
Mary Bent Crooker	6:457
Ermyrn Hardy	6:302

## X. (24 candidates).

Roxanna Randall Smith (XI)	6:265
Lois Jean Baker (XI)	6:290
Sadie Evelyn Corkum	6:328
Florence Augusta Rogers	6:430
Leonard Cecil DeLong	6:363
Vera Rowena DeLong	6:308
Elwood Allison Dukeshire	6:380
Cecil Lawrence Freeman	6:361
Marion Ruth DeLong	6:360
Muriel Mary Silver	6:341
Walter Elton Harlow	6:320
Bessie Belle Ramey	6:392
Edith Linden Harvey	6:467
Naomi Beatrice Chute	6:467
Una Pearle Freeman	6:467
Mary Dott Zwicker	6:331

## IX. (21 candidates).

Hattie Sophia Kempton (XI)	6:303
Lillian Mae Baxter (X)	6:290
Viola Alice Nelson (XI)	6:187
Viola Mildred Canning (X)	6:848
Ruby Marie Patterson (X)	6:282
Mabel Lillian Freeman (X)	6:287
Aileen Rae Thompson	6:422
Lillian Marie Douglas	6:308
Joseph Isaiah Ashkins	6:386
Lillian Emma Hendry	6:385

Leona Amy Burhoe	6:512	X. (14 candidates).	
Marjory Robinah Neily	6:344		
Basel Primrose Smith	6:331	Ellen Gertrude Cameron (XI)	7:322
Hilda Filda Ball	6:332	Lillian May Horton (XI)	7:330
		Evelyn Gertrude Feltmate]	6:398
Supplementary, (1 candidate).		Annie Laurie Swaine	6:457
		Hilda Ruth Hart	6:397
Unsuccessful, (XI, 0; X, 6; IX, 13).		James Fraser McIsaac	6:333

CANNING—(37 candidates).

IX. (12 candidates).

XII. (1 candidate).

XI. (10 candidates).

Edith M. Anthony	6:331
Harriet A. Rand	6:335
Victor E. North	6:478
Violet R. Mullett	6:407
Alice M. Robinson	6:371
Mary M. Robinson	7:376
Evangeline V. Power	6:373

X. (14 candidates).

Emmet Matthew Walsh (XI)	7:286
Jessie Mary Lukeman (XI)	7:201
Aileen Florence O'Donoghue (X)	6:299
Alverta Iona Burns (X)	6:299
Sadie Ena Hadley (X)	6:279
Edward Lancelot Flaherty	6:305
Jessie Mildred Swaine	7:332

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 7; IX, 10).

CHESTER—(93 candidates).

XII. (1 candidates).

XI. (23 candidates).

Stella E. Graves (XI)	6:293
Dorothy Rand (XI)	6:287
Ruby B. Eaton	6:451
Alice M. Northup	6:450
Josephine E. Harris	6:438
Queenie V. Hubbard	6:347
Reta M. Lyons	6:335
Mildred V. Porter	6:355
Alice Miriam Jess	6:453
Susie E. Brown	6:354

IX. (12 candidates).

Arthur Leroy Bezanson	6:422
Pearl Laurena Conrad	6:416
Ruby Sophia Evans	6:391
Bessie Pauline Hume	6:421
Willett James Mills	6:391
Margaret Evans Robinson	6:454
Esther Gertrude Webber	6:309
Mabel Ruth Whitford	6:382
Owen Lewis Croft	7:382
Durling Debbert Hatt	6:332
Nina Selby Meister	6:414
Zelma Leletta Young	6:360

X. (39 candidates).

Margaret A. Weaver (XI)	6:391
Freeman C. Eaton (X)	6:290
Ned Burnaby Eaton (X)	6:280
Marjorie M. Strong (X)	6:283
Cyrus O. Steele (X)	6:258
William B. Prosser	6:388
Edna M. Lockhart	6:364
Cyril B. Ellis	6:322
Burton E. Robinson	6:438
Burnia G. Bennett	6:322
Terry L. Meek	6:381
Margaret R. Burbidge	6:303

Unsuccessful, (XII, 1; XI, 0; X, 2; IX, 5).

CANSO—(40 candidates).

XI. (12 candidates).

Helen McGregor Braine	7:395
Evelyn Mary Burns	7:469
Lois Ada Hart	7:400
Muriel Esther Horton	7:342
Jessie Annie Mosher	7:392
Lena Myrtle Munro	7:367
Marjorie Anna McMasters	6:331
Margaret Claire Feltmate	7:334

Viola Myrtle Hume (XI)	6:296
Mary Margueritta Webber (XI)	6:298
Nellie Freelese Stevens (XI)	6:258
Evelyn Matilda Publicover (XI)	6:288
Erna May Bezanson	6:358
Blanche Elizabeth Butler	6:402
Wallace Bernard Cleveland	6:345
Keith George Mitchell	6:358
Lillian Grace Stevens	6:315
Mary Florence Walsh	6:370
Horace Kitchener Millet	6:319
Aubrey Howard Rafuse	6:358
Rena May Croft	7:368
Muriel Laura Oxner	7:325
Genevieve Cuba Corkum	6:313
Frances Veronica Boylan	6:309
Marion Irene Publicover	6:422
Bernice Sarah Eisener	6:418
Hilda Pearle Coolen	6:382
Gertrude]Evelyn Mills	6:350

## IX. (30 candidates).

Hilda Blanch Dalton (XII)	10:389
Florence Matilda Barkhouse (XI)	6:221
Katherine Sybil Mitchell (XI)	6:248
Edna Bernice Zinck (XI)	6:278
Ruey Kathleen Barkhouse (XI)	6:220
Ruth Irene Wynacht (XI)	7:194
Theora Chester Corkum (XI)	7:232
Ruth Irene Hennigar (X)	6:299
Mary Grace Millett (X)	6:299
Ralph Starr Millett (X)	6:245
Eugenie Frances Oxner (X)	7:302
Ethel Victoria Hiltz (X)	6:240
Marquand Garnet Larder (X)	6:301
Willie Garfield Young (X)	6:299
Ella Adelaide Russell (X)	6:286
Phyllis Margaret Carroll	7:424
Edna Kathleen Fader	7:399
Elsie Margaret Fleet	7:348
Christine Mary Hawboldt	7:471
Dorothy Millett Hawboldt	7:362
Donald Olding Hebb	6:353
Lillian May Hume	7:345
Mary Alexandria Nauss	6:371
Gertrude Rhodella Zinck	7:557
Mary Dorothy Cleveland	6:347
Lila Gladys Coolen	6:379
Minnie Blanche Coolen	6:418
Florence Mabel Stevens	6:316
Mark Godfrey Cleveland	6:369
Stella Gertrude Herget	6:313
Mae Louise Sarty	6:345
Ola Mosher	6:374
Eliza Eleda Hatt	6:389
Murray William Verge	7:349

Unsuccessful, (XII, 0; XI, 1; X, 15; IX, 11).

## CHETICAMP—(11 candidates).

## X. (2 candidates).

Cyril Joseph MacLellan	7:469
Thimothe Deveaux	7:524

## IX. (9 candidates).

Joseph Boudreau	7:375
Margaret MacNeil	7:304
Mary Adele MacDonald	7:456
Patrick Le Fort	7:397

Unsuccessful, (IX, 5).

## CHURCH POINT—(24 candidates).

## XI. (1 candidate).

Donald A. Killam	6:404
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## X. (18 candidates).

Marie E. Comeau	6:339
Marie E. LeBlanc	6:344

Marie F. Comeau	6:398
Albert E. Ashkins	6:352
Juliette M. LeBlanc	7:344
Mary M. LeBlanc	7:339
Marie A. Comeau	6:392

## IX. (10 candidates).

Gladys H. Butler	6:308
Marie E. R. Gaudet	6:393
Marie M. LeBlanc	6:366
Marie Z. Gaudet	6:378

## CLARK'S HARBOR—(23 candidates).

## XI. (4 candidates).

Mary Gertrude Brown	6:407
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## X. (7 candidates).

## IX. (12 candidates).

Elva Maude Swimm (XI)	6:270
Deborah Drusilla Smith (XI)	6:283
Vera May Cox (X)	6:240
Lena Viola Hagar (X)	6:273
Charles Sheldon Williams (X)	7:300
Evelyn May Fox	6:471
Ella Maude Smith	6:349
Lydia Cook Bateman	6:311
Mabel Agnes Smith	7:387

Supplementary, (1 candidate).

Unsuccessful, (XI, 1; X, 4; IX, 8).

## DIGBY—(56 candidates).

## XI. (7 candidates).

Laurence S. Cossett	7:490
Helen B. Robbins	6:355
Ethelyn G. Snow	6:398
Mabel M. Sabeau	6:371

## X. (20 candidates).

John Wightman (XI)	7:318
Daisy H. Emery	6:339
Edith E. MacAlpine	6:300
Alison G. Killam	6:432
Ethel L. Morehouse	6:402
Lillian F. Cornwall	6:340
Muriel C. Turner	7:363
Marion L. Churchill	7:364
Imelda L. Daley	6:366
Helen B. Smallie	7:338
Thomas C. Gibbons	7:374

## IX. (28 candidates).

Edythe H. Burnham (XI)	6:312
Norma H. Morehouse (XI)	6:268
Florence E. Smith (X)	6:266
Vida M. Hubley (X)	6:267



Ancel S. Dakin (X)	6:316
Eva C. Chute (X)	6:271
Frederica A. Steadman (X)	6:275
Fern S. Cossaboom	6:313
Florence M. Cossaboom	6:387
Emma E. Seeley	6:316
Dorothy K. Hogg	7:380
Edith G. Shreve	7:394
Dorothy M. Daley	6:400
Dorothy M. Hill	6:324
Mary M. Taylor	7:392
Mary A. Read	7:557
Dorothy B. Snow	6:377
Violet E. Hayden	6:407
Ida F. MacKay	6:407
Mildred H. Robbins	6:348
Ingeborg E. B. Haight	6:435
Faith S. Sabeau	6:394
Myrtle I. Ellis	6:360
Emma Lavinia Parker	6:390
Ethel Maud Everett	6:382

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 5; IX, 10).

EAST RIVER ST. MARYS—(13 candidates).

XI. (1 candidate).

Jean Mary Cameron	6:419
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X. (3 candidates).

IX. (9 candidates).

Katie A. Stewart (X)	7:277
Eva Winnifred Cruickshank	7:397
Mary Cameron	7:342

Unsuccessful, (XI, 0; X, 2; IX, 7).

FREEPORT—(46 candidates).

XI. (6 candidates).

Annie May Thurber	6:404
Freda Kathleen Bishop	6:394
Velma Una Shortliffe	6:361

X. (15 candidates).

Ethlyn-Blanche Cossabom	6:389
Beulah Blanche Carty	6:314
Baden Robert Powell	6:355
Grace Ellen Stevens	6:403
Mary Elizabeth Ring	6:341
Marie Antionette Thurber	6:411
Maggie May Eaton	6:377
Daisy Alberta Moore	6:463
Williard Chipman Thurber	6:456
Dwight Colin Finigan	6:362
Charles LaMont Kinsman	6:372

IX. (25 candidates).

Frederick Roberts Titus (XI)	6:355
Frank Sargent Finigan (XI)	6:292
Edwin Howe Crocker (XI)	6:333
Fannie Brown Barkhouse (X)	6:247
Norma Elaine McDormand	6:374
Annie Ernesteen Peters	6:314
Norman Milledge Titus	6:311
Mina Louise Stevens	6:439
Olive Amelia Beatrice Finigan	6:391
Zelda Pearle Thurber	6:405
Lola May Cossaboom	6:396
Gertrude Hegan Ruggles	6:446
Kathleen Mary Blackford	6:418
Luella Bishop Blackford	6:407
Agatha Marion Sallows	6:354
Viola Maude Clifford	6:434
Cecil Kitchener Ossinger	6:378
Muriel Kate Nickerson	6:310
Nina Elizabeth Hersey	6:320
Addie Marguerite Teed	6:340
Ellen Marion H. Kinsman	6:389
Carl Tibert	6:377

Unsuccessful, (XI, 0; X, 3; IX, 7).

GLACE BAY—(230 candidates).

(XII. (10 candidates).

Catherine C. Martin	11:670
Marjorie McMahan	12:787
Joseph S. Brody	10:554
Frederick Ferguson	10:587
James L. Chisholm	10:543
Harry G. Gittleson	10:508

XI. (54 candidates).

Arthur Ross Hull (XII)	10:514
Dora L. Spencer	6:320
Joseph G. MacNeil	6:384
Mary J. McDonald	7:426
Annie K. McDonald	7:411
Brigid M. Petrie	7:413
Alice C. Boone	6:332
Elizabeth Nicholson	7:397
Elizabeth Walsh	7:466
Mary Campbell	7:404
Monica Nearing	6:457
Catherine Chisholm	7:381
Mary E. McNeil	7:477
Marion D. Bell	9:541
Catherine McDonald	8:395
Florence G. Spencer	8:368
Florence O. York	8:355
Georgina A. Dickson	8:392
Marion H. Spencer	8:363
Mildred MacDonald	7:370
Leonora M. Dillon	8:381
Patrick A. Gillis	8:349
Moses Ein	8:395
Hugh N. MacKinnon	7:389
Abraham Medjuck	8:482
John G. Ley	8:390

Annie M. Maxwell	7:470	Edward Crosby	6:305
Donald B. McPherson	8:499	Dora E. Peach	6:360
Ella B. Harris	8:531	Lenora R. Spencer	7:466
Johnston Chew	8:467	Mary M. McVicar	7:337
William Ein	8:586	Josephine M. Blanik	9:490
Leonie Cudhea	8:511		
Ida M. McLeod	8:420		
Ella C. McMahoñ	9:642		
Joseph Michael	8:585		
Allan V. McCuish	8:527		
Dorothy B. Prince	8:530		
Michael McGillivray	8:599		
Bertha Gillis	6:354		
Walter J. Campbell	8:489		
Joseph McInnis	8:508		
John R. Blue	8:523		

## X. (70 candidates).

Muriel S. McKenzie (XII)	10:465
Margaret C. McLeod (XII)	10:391
Solomon Magonet (XII)	11:472
Isabel M. Orr (XI)	6:258
Annie McKinnon (XI)	6:270
Florence H. Boutilier (XI)	6:290
Katherine McDonald (XI)	7:303
Laura I. Gouthro (XI)	7:293
Katherine M. MacSween (XI)	8:343
Daniel MacKeigan (XI)	8:301
Gordon S. Martell (XI)	8:323
William C. McGillivray	8:582
Marjorie J. Archibald	8:614
Russell F. McPhee	8:375
Ida Gold	9:619
Joseph D. McKinnon	8:366
Mabel M. Morrison	9:740
Joseph H. O'Handley	8:479
Rose Cohen	8:436
Mary Cohen	8:453
Eva R. Fine	8:458
Sarah Levine	9:610
Sarah Rosenblum	8:456
Margaret S. Verner	8:407
Alice Merrill	7:352
Louis Green	9:659
Marjorie Prince	7:392
Mary McKinnon	7:361
Mabel H. Cosey	7:463
Mary Chisholm	7:372
Margaret Chisholm	7:420
Annie C. McNeil	7:431
Bertha LeGere	7:334
Margaret I. Boone	7:488
Edith M. McNeil	7:461
Katie Sampson	7:368
Dollie Beaton	7:332
Cassie E. Fortune	7:434
Elsie I. Roth	7:426
Stephen McDonald	7:381
Sadie McDonald	7:436
Mary McIntyre	7:357
Roselia McDonald	6:364
Barbara Gouthro	7:376
William M. Ross	7:362
Eddie J. Gallivan	6:336
Roddie A. Walker	6:336

## IX. (96 candidates).

Irene Smith (XI)	6:286
Annie S. MacNeil (XI)	6:308
Margaret MacDonald (XI)	6:258
Anna G. Currie (XI)	6:252
Katherine O'Toole (XI)	7:251
Eva MacKeigan (X)	7:265
John J. McAskill (X)	7:331
Helen H. Miller (X)	7:357
Sarah I. Davidson (X)	7:285
Annie Gouthro (X)	7:312
Mary McDonald (X)	7:272
Elizabeth MacSween (X)	7:293
Henry R. Mitchell (X)	7:372
Mabel Ross (X)	6:307
Greta Bert (X)	6:317
William J. Roache (X)	8:380
Mary J. McDonald	6:405
Nettie M. Peach	7:330
Elizabeth M. McAskill	7:404
Margaret J. McGregor	7:326
Leo F. Cook	6:338
Mary M. Ferguson	6:370
Rodena McKeigan	6:307
Matilda Johnson	7:360
Kathleen McIsaac	7:353
Sadie Hill	7:359
Marcella Bennet	7:349
Mary MacDonald	6:331
Florence MacPherson	6:387
Georgie Munroe	6:391
Christina McNeil	6:375
Ignatius Nearing	6:347
Wilfred J. Gouthro	6:313
Percy J. Mitchell	6:313
Blanche A. C. Boutilier	6:442
Joseph B. Nearing	6:387
Agnes McKinnon	7:476
Catherine V. Jamieson	7:467
Adeline M. MacIntyre	7:366
Alice Addicott	7:479
Mary Steele	7:387
Josephine McDonald	7:373
Christina A. McLellan	7:353
Emma Tompkins	7:331
Katherine B. McDonald	7:388
Winifred McDonald	7:368
Annie L. Gillis	7:409
Annie McLeod	7:407
Mary A. Young	7:353
Katheryne McNeil	7:361
Neil A. McNeil	8:412
Joseph A. Donovan	7:398
William M. Langwith	7:361
James F. McNeil	7:471
Mandel Lourie	7:399
Herbert J. Way	7:388
Robert J. Hayes	7:364

Max Rosenblum	8:440
Angus N. McDonald	7:403
Annie M. Hussey	7:352
Mary McCuish	7:429
Susannah J. Verner	7:447
Rose Gold	7:611
Helen J. McArel	7:488
Margaret I. Hall	7:473
Annie Dubinsky	7:530
Bertie Goldberg	7:472
Lorena McLean	7:489
Josephine Boch	7:362
Annie F. Bagnell	7:410
Reta O. Pippy	7:381
Doris Edwards	7:344
Elsie M. MacAulay	6:356
Helen Levine	7:479
Helen B. Ogilvie	7:399
Melica Carter	7:348
Isabel F. Jackson	7:369
Bessie Cohen	7:349
Katie Cudhea	7:369
Elizabeth R. Grant	8:490
Katherine Younge	7:334
Anastasia Hayes	7:361
John A. MacNeil	8:360

Unsuccessful (XII, 0; XI, 0; X, 12; IX, 29).

GREAT VILLAGE—(70 candidates).

XI. (13 candidates).

Isabelle Marie Fletcher	6:377
Georgina Reid	6:412
Elsie Mae Tabor	6:380
Irene Helen Cottam	6:333
Mary Muriel Cottam	6:427
Alice Elizabeth Soley	7:366
Ida Maie Hattie	6:356
Greta Elizabeth McNutt	6:329
Velma Muriel Doyle	6:372
Mamie Alma Robinson	6:419
Elizabeth Jean Hegan	6:331
Tom Robin MacLachlan	6:329

X. (34 candidates).

Bella Cooper	6:443
Agnes Margaret MacKinnon	6:357
Margaret Isabelle Cottam	6:344
Lillian Amelia Lindsay	7:427
Lillian Elizabeth Blaikie	6:345
Natalie Ruth Blaikie	6:320
Alice May Skerry	6:355
Mary Helena Bowers	6:319
Beatrice Marie Fulmore	6:429
Emma Jean Chisholm	6:356
Mary Anne Layton	8:622
Beatrice Jane Vance	6:378
Lois Teresa Vance	6:315
Cora Caroline Norris	6:312
Annie Gladys Creelman	6:322

Mary Elizabeth Boomer	7:439
Margaret Graham McColough	6:384
Harold Newcombe Layton	6:399
Frank McCulloch Read	7:478
Robert Wendell Anderson	6:314
Geneva Gwendolyn Fisher	6:343

IX. (23 candidates).

Janie Rebecca Rutherford (XI)	6:282
Georgie Magnolia Toole (X)	7:272
Emma Janet Thompson (X)	6:287
Martha Anne Read (X)	6:292
Sarah Kent	7:414
Franz Davison Doherty	8:375
Edna Elizabeth MacLellan	6:331
Sadie Suttis	6:347
Annie Layton MacLachlan	8:465
Mary Olive Fulton	8:571
Hester, Genevieve Blaikie	7:430
Etta May Creelman	6:374

Supplementary, (3 candidates).

Unsuccessful, (XI, 0; X, 10; IX, 15).

GUYSBORO—(42 candidates).

XI. 7 candidates).

Gertrude Sophia Lumsden	6:380
Eva Martha Scott	6:374
Grace Belle Silver	6:349
Mildred Beatrix Warner	6:300

X. (12 candidates).

Alex James Murphy (XI)	6:287
Mildred Augusta Hendsbee (XI)	6:274
Stewart Carlton Fulton	8:476
William John Myers	7:422
Carrie Lavina Stropole	6:343
Arthur James Foster	6:438
Mary Beulah Sangster	6:358
Lavine Joseph Fougere	7:341

IX. (23 candidates).

Robert William Scott (X)	7:326
Marjorie Gordon Durkee (X)	6:303
Helen Maud Foster	6:275
Catherine Josephine Kelley (X)	6:279
Elsie Bruce Pyle	6:310
Margaret Anne Tobin	6:301
Ida Blanche Giffin	6:311
Mary Olive Sangster	6:358
Hattie Belle Graham	6:355
Aubrey Freeman Horton	7:334
Herbert Newton Heal	7:395
Marie Simpson Maguire	6:333
Lillian Maria Cook	6:317
Annie Edith Fulton	6:429

Unsuccessful (XI, 1; X, 2; IX, 13).

## HALIFAX—(304 candidates).

## XII. (21 candidates).

John Christopher Acker	10:530
John Adamson	9:521
Karl Clifford McD. Bishop	10:625
Freda Ethel S. Bissett	10:698
Jean Dorothy Drew	9:605
Agnes Gertrude Donohue	9:665
Ethel Viola Helen Ernst	9:560
Jean Gregory Harris	10:700
Alice Eaton Hunter	9:722
Arthur Middlemas Marshall	9:762
Margaret Genevieve O'Connor	10:641
Mary Rebecca Rudderham	9:554
Louise Winifred Sandford	10:773
Dorothy Elizabeth Sterns	10:518
Bessie Agnes Turner	10:747
Benedict McClarty Matheson	10:486

## XI. (60 candidates).

Marjorie Ruth D. Armitage	7:323
Ralph James Campbell	7:330
Kenneth Sutherland Clark	7:449
Mildred Raymond Colpitt	7:409
George Wm. Pitman Colquhoun	7:402
Freda Isabel Creighton	7:515
Helen Marjorie Creighton	7:339
Georgina Crosby Jost	6:321
Louise Tupper Custance	6:373
James Forrester Davison	8:589
Jean Mary DeWolf	7:361
Marion Louise Forsyth	7:363
Clyde Vinecove Harris	7:479
William Gordon Hendry	7:455
John Hunter Davison	7:368
Francis Mary Kuhn	7:512
Margaret Willis Littler	7:340
Viola Lillian Lovett	7:391
Victor Owen Mader	7:371
Clyde Slocumb Marshall	7:514
Alice Maud Mary Miller	7:362
Anna Eugene Haycraft Morris	7:407
Silvanus Archibald Morton	7:384
Evelyn Bell McCaughin	7:324
Ruth Jean McDonald	7:344
Alastair George Mackinnon	7:484
Iris Florence Nye	7:352
Claire Eleanor M. Payzant	6:310
Ernest Currie Pace	6:351
David MacPherson Rowlings	7:355
Robert Jamison Schwartz	7:506
Isabel Murray Shaw	8:442
Sidney Carmen Shaw	8:366
Eunice Chipman Smith	7:398
Irva May Webber	6:345
Wilson Gesner Stapleton	8:665
Lillian Jane Weldon	6:335
Helen Merle Reeves	7:379

## X. (104 candidates).

Beatrice Emily Allum (XII)	9:458
Grace Harris Burgoyne (XII)	9:493

Irene Costley Gladwin (XII)	9:486
Zola Ivanhoe Groneau (XII)	9:477
Ruth Kathleen Huggins (XII)	9:472
Avon Saxon Artz (XI)	6:313
Gladys Florence Colquhoun (XI)	7:309
Daisy Sarah Olive Crowell (XI)	6:277
Ian Keith Forsyth (XI)	7:291
Doris Marjorie Parker (XI)	7:315
Thekla Rothschild Pinneo (XI)	6:249
Harold K. MacLean Day (XI)	7:303
Kathleen Rose Anderson (XI)	6:257
Ethel Christina Archard	7:320
Jean Jefferson Barnstead	7:401
Ethel Marjorie Bent	7:329
Helen May Beck	6:326
Sarah Annie Campbell	6:360
Frederick Dawson Congdon	7:345
Marjorie Seabright Covey	7:341
Margaret Anna Cox	7:413
Dorothy Evelyn Curtis	6:444
Greta Zillah Davison	7:349
Harriet Anne Doohan	6:372
Rebecca Alice Dorey	6:383
Vera Jean Roberts Fraser	7:372
Susie Patience Gladwin	7:332
Bernard James Roberts Gow	8:392
Nora Ethel Gates	7:403
Stewart Allen Johnson	7:431
Carl Kenty	7:480
Margaret Isabell Kuhn	7:542
Arthur Phillips Laidlaw	7:341
Gladys Pauline Larder	7:421
Eva Alice Love	6:331
Hilda May Love	7:439
Elizabeth Florence Merrick	6:367
Ralph Thomson Miller	7:364
Reginald George Miller	7:491
Allan Reid Morton	8:436
Everett William Moseley	7:365
Muriel Matilda Mosher	7:414
Ora Evelyn Mosher	7:349
Kenneth Alonzo Munroe	7:422
Ruth Thomas Murphy	7:433
Derrick McCarthy	7:461
Marguerite McPhee	7:506
Lois Audrey McDonald	8:592
Hazel McEachren	8:435
Olive Nola McElmon	7:381
John Alexander McQuinn	7:425
John Pius Otto	7:404
Wilfred Guy Otto	7:439
Florence Emily Patterson	7:431
John William Payzant	7:500
Thomas Baden Radford	7:456
Jean Alexandra Shaw	7:403
May Irene Smeltzer	7:470
Irene Isabel Smith	7:375
Lillian Eliasoph Smith	7:599
Thelma Gertrude Cecilia Smith	7:536
Charles Edmund Sullivan	7:399
Laura Adelaide Siteman	7:459
Ella Rebecca Siteman	7:417
Hazel Alice Thomson	6:405
Hugh Humphrey Van Buskirk	7:312
Arthur Vernon	7:516
Margaret Anna Walker	7:418

Douglas Dundonald Wallace	7:400
Mary Louise Wilson	7:428
Clair Margaret Yates	7:384
Olive Letitia Parker	6:389
Mary Agnes Conrod	6:317
Mary Teresa Houlihan	7:343
Mildred Anna Leary	6:335

IX. (121 candidates).

Hilda Grace Borgle (XI)	7:302
Marjorie Helen Crayden (XI)	6:204
Norman Wilfred de Carteret (XI)	6:185
Jennie Louise Gillingham (XI)	7:227
Wensley Ritchie MacCoy (XI)	6:256
Donald Archibald McPhail (XI)	6:210
Charlotte Fern Oxley (XI)	7:286
Rebecca Resnick (XI)	6:288
Enid Viola Richardson (XI)	6:299
Jean Dorothy Reynolds (XI)	7:267
Alice Elizabeth Miller (XI)	6:248
Mary Margaret Martin (XI)	6:302
Kathleen Ruth Regan	6:202
Nina Elizabeth Barrett (XI)	6:269
Ruth Campbell (XI)	7:316
Hazel Lillian Conrod (XI)	7:264
Rutherford Conrod (X)	7:257
Ethel Elizabeth Crocker (X)	6:317
William Dermott DeWitt (X)	7:336
Robert Randolph Ellsworth (X)	7:276
Hilda Dorothy Hiltz (X)	6:277
Jack Ferdinand Lawrence (X)	8:372
Benjamin Allfson Marshall (X)	7:318
Pearl Isabel Menchions (X)	6:294
Mamie Mildred McDonald (X)	7:288
Gertrude Marie Slade (X)	6:256
Emma May Tupper (X)	6:295
Jewel Gertrude Ritcey (X)	6:280
Mary Leah Theresa Bowman (X)	7:345
Carl Palm Bethune	6:301
Frederick William M. Bissett	7:244
Arthur Cyril Bowman	6:345
Charles Francis Bell	7:339
Helen Louise Borgle	8:411
Anna Helen Cameron	7:366
Douglas Sturrock Campbell	7:438
Marion Isabel Clark	6:400
Renetta Elizabeth Cluney	7:422
Marjorie G. Colquhoun	7:357
Kathleen M. Christian	7:351
Roxie Janet Cooper	7:395
Pearl Irene Duggan	7:362
Kathleen Florence Davies	8:396
Ralph Morton Elliot	6:382
Charles Henry Flowers	6:315
Mary Isabel Gilroy	7:363
Elizabeth May Goudge	6:314
Marjorie Helena Griffin	8:365
Gertrude Mary Holden	6:456
Florence Curry Holland	6:315
Alice Harvey Gordon	8:611
Kathleen Veronica Hughes	8:398
Colin Campbell Ives	6:416
Robert Wallace Kenney	7:592
Laura Marguerite Kent	7:368

May Evelyn Linton	8:491
George Francis Lovett	8:376
Doris Mary Medlen	7:369
Rita McGillivray	7:332
Joan Elizabeth McLarren	8:494
Gerald Emmerson Misener	8:561
Frank Denette Mumford	8:363
Kenneth Robert John Murray	8:504
Charles Burton Naylor, Jr.	7:395
Harry Dow O'Brien	6:394
Eva Balcom Rhind	7:335
Harold Robertson	7:380
William Gordon Robertson	7:390
Beatrice Rose E. Smith	7:335
Douglas Oliver Robertson	7:381
Harry Arthur Stear	8:438
Jessie Good Story	7:465
Hope Alder Temple	6:326
Helen Eunice Topple	6:370
Daisy Florence Tucker	7:356
Eva Caroline L. Thomas	6:340
Inglis Lough Wainwright	7:416
Helen Louise Wilson	7:429
Watson Lloyd Fader	6:411
Etta Almina Eisan	6:316
Mae Carroll	7:323
Mary Bridget Gibson	7:350
Marion Kathleen Mullins	8:375
Mary Francis Mullins	8:476
Marguerite Whelan	7:377
Muriel Elizabeth Ross	8:477
Donald Lloyd Redmond	8:477
Annie Elizabeth Houlihan	7:390

Supplementary, (6 candidates).

Unsuccessful, (XII, 0; XI, 2; 2, 23; IX, 59).

HALIFAX, BLOOMFIELD—(230 candidates).

XI. (19 candidates).

Mary Julia Christie	7:339
Frances Eugenia Greig	6:392
Gerine Agnes Harmon	7:376
Ralph George Johnstone	6:387
Winifred May Kidston	6:393
Lucy Lily Kravis	8:541
Agnes Marion Murray	7:370
Margaret Mary McAvoy	6:424
Geneva McKeil Morash	7:393
Lillian Esther Neary	6:325
Helen Frances Power	8:473
Gretchen Vera G. Kent	7:377
Minnie McLeod Shiers	7:475
Dorothy Pearl Smyth	7:463
Lydia Agnes Travis	6:373

X. (65 candidates).

Clarence Almon Allen	6:462
James Stanley Bowen	7:337
Kenneth Gladstone Brushett	7:536

Lillian Byalin	6:344	Catherine Mary F. Clancey	7:337
Edna Brown	7:459	Rita Annie Clancey	7:464
Mary Stella Burke	7:461	Pauline Helen M. Collings	7:441
Agnes Carmichael	7:418	Mary Marguerite Coolen	7:402
Beatrice Cox	7:441	Mary Catherine Cotie	7:427
Reta Louise Farrer	6:388	Katherine Cecilia Cashen	7:404
Greta Mary Flinn	7:359	Violet Estella Cummings	6:387
Edna Mary Forhan	7:377	Una Kathleen Conrad	7:390
Madge Hildegard Forwood	7:447	Muriel Irene Cooper	7:423
Lillian Ella Gates	7:454	Helen Margaret Davison	6:512
Elizabeth Greene	7:431	Agnes Pauline Davies	7:508
Hilda Marjorie Harris	7:407	Marie Viola Dockrill	7:418
Marjorie Cecilia Hawes	7:406	Edna May Doyle	7:396
Margaret Veronica Houlihan	7:455	Cyril Ellis Drysdale	7:448
Rita May Jolimore	7:397	Patrick Joseph Grant	7:411
Marion Lovett	6:371	Gerald Joseph Grennan	7:351
Margaret Mary Mahoney	7:575	Gladys Fox	6:380
Gertrude Mary A. Meagher	7:437	Ruth Frances Fraser	6:435
Gertrude Marie Murray	7:457	Avice Fry	6:382
Kathleen Blanche Murray	7:412	Myrtle Victoria Forbes	7:419
Audrey Winnifred Marshall	6:300	Mary Agnes Fewer	7:396
Elma Maria Penny	7:501	Minnie Giffin	6:329
Maude Roche	6:349	Sarah Godinsky	6:401
Kathleen Veronica A. Smith	7:543	Florence Catherine Gill	7:416
Kathleen E. Stokes	7:447	Howard Glube	7:513
Rose Gertrude Sheehan	7:522	Helen Gertrude Garrison	7:326
Douglas Stewart Thompson	7:431	Gladys Lucy Gough	7:383
Vincent Henry Campbell	7:461	Winnifred Hefferman	6:342
Francis William Coolen	7:417	Dorothy Page Hill	6:421
Laurence Michael J. Walsh	7:420	Marion Elizabeth Hoben	6:394
William Patrick Stone	7:441	Mona Marie Hollett	6:350
Mary Adelaide Long	7:322	Ruby May Hollett	6:391
Eva Melinda Westhaver	6:350	Eyelyn Grace Holmes	6:303
		Jennie Elizabeth Hull	6:314
		Mary Irene Hallisey	7:400
		Margaret M. Hanrahan	7:348
		Rita Edna Harris	7:449
		Emma Alice Hartling	6:402
		Mary Caroline Hawkins	7:423
		Marguerite V. Hawkins	7:358
		Marion Fraser Hooper	7:419
		Annie Ethel I. Jensen	7:371
		Anna May Knodell	7:371
		John Robert Kaye	6:438
		Margaret Isabel Keating	7:348
		Johanna Agnes Kennedy	7:365
		Mabel Jean Kendrick	6:366
		George Henry Knight	7:438
		Lillian Josephine Laing	7:353
		Aline Edith Leedham	7:442
		Esther Rosina Leslie	6:311
		Florence Grace Lovett	7:390
		Luke Roy McGrath	6:319
		Ethel Christina Mont	6:394
		Clyde Sinclair Mosher	7:397
		Udavilla MacDonald	7:313
		Vera MacDonald	7:390
		Mary Meagher	7:345
		Florence Mackey	7:357
		Helen Cecil C. Marshall	6:399
		Edith Louise Morse	6:357
		Edna Florence M. Morton	7:385
		Henry Michael Nolan	7:394
		Josephine Nehiley	7:418
		John Joseph O'Neill	7:377
		Phillip Lloyd Oxley	
IX. (146 candidates).			
Harold Charles Hill (XI)	7:414		
Charles Wylton S. Tremaine (XI)	5:260		
Lillian May Young (XI)	6:282		
Marion Leone Cantelope (X)	6:292		
Nellie Beatrice Kidston (X)	7:391		
Evelyn Amanda Killam (X)	7:322		
Marjorie A. W. MacMillan (X)	7:279		
Georgina Marguerite Sproule (X)	6:292		
Hugh Chisholm (X)	6:280		
William Edmund Fultz (X)	7:399		
Stephen Richard Martin (X)	7:302		
Michael Dennis O'Brien (X)	7:374		
Laurence Wallace Curren (X)	7:297		
Daisy May Allum	6:422		
Kathleen Adams	7:418		
Madeleine Anderson	7:463		
James Herbert Brady	7:456		
Cyril James S. Brown	7:428		
Leonard Alevin Burbridge	6:338		
Dorothy Isabel Boyce	7:488		
Alexander Garnet Brown	7:335		
Winnifred Carol Burgoyne	7:336		
Harold Percy Checkley	7:373		
William John Carter	6:358		
Clyde Sinclair Clancy	6:394		
Gertrude Elizabeth Cobb	6:430		
Stella Rainsford Currie	6:394		
Cyril B. Currie	6:360		
Geraldine Ann Cahill	7:397		
Josephine Fedelis Cahill	7:361		

Florence Mary Penny	7:454
Marion Elizabeth Pitts	7:416
Frances C. Aileen Power	7:336
John Richard Power	6:307
Kathleen Esther Peart	7:438
Elsie Elizabeth Rutledge	6:334
Arthur Dominic Roche	7:524
Nellie Raddall	6:476
Winifred Helen Roche	7:489
Helene Amanda Sanford	6:460
Alice Josephine Sheehan	7:437
Irene Emily S. Sheppard	7:327
Beryl Mabel Sims	7:378
Sarah Stewart	6:360
Mary Clare Tobin	7:320
Stella Theresa White	7:550
Gwendolyn M. Wakefield	7:370
Marjorie Grace Wambolt	7:535
Violet May Williamson	7:363
Gwendolyn M. Westhaver	7:347
Alexander M. Oulton	7:336
Gordon Mark J. M. Foley	7:412
Charlotte E. Holloway	7:350
Pansy Vail	7:355

Supplementary, (1 candidate).

Unsuccessful, (XI, 1; X, 19; IX, 39).

HALIFAX, ROCKINGHAM—(37 candidates).

XII. (6 candidates).

Marie de C. Brown	10:617
Sarah J. Coady	10:510
Mary F. Kennedy	10:537
Katherine E. Murray	10:541
Geneva M. Murray	11:830
Christine O'Keefe	10:645

XI. (15 candidates).

Mary A. Bond	7:433
Katherine M. Brown	7:429
Mary A. d'Entremont	7:397
Angela Geele	8:528
Marcella T. Kilduff	7:333
Margaret A. McCarthy	7:392
Mary B. McDonald	7:436
Annie McIsaac	7:438
Teresa E. O'Donnell	7:418
Mary L. White	8:410

X. (13 candidates).

Pearl M. Butler (XI)	7:320
Aileen Bradshaw	7:455
Elizabeth Campbell	6:344
Kathleen E. Connors	6:362
Agatha Doyle	6:304
Rita A. Hawes	7:414
Eva L. A. McDonald	7:332
Jessie F. O'Donnell	7:534
Mary F. Power	7:472
Annie Trahan	7:415

IX. (0 candidates).

Mary E. Costello (XI)	7:235
Marion E. Hartigan (XI)	7:281
Angela I. Kelley (XI)	7:302
Anna M. Magee (XI)	7:330
Mary I. Doucet (X)	7:346
Nellie Ward (X)	6:317

Supplementary, (3 candidates).

Unsuccessful, (XII, 0; XI, 0; X, 2).

HANTSPORT—(31 candidates).

XI. (2 candidates).

Bertha H. Curry	6:339
Peter L. Walker	7:589

X. (11 candidates).

Ethel M. Davison	6:306
Evelyn I. Gunn	7:335
Dorothy Swaine	6:343
Campbell A. Gunn	7:379
Robert F. MacLatchy	7:445
John L. Davison	7:450
Kathleen C. MacLatchy	7:475
James L. Riley	7:476
Vera C. Card	6:370

IX. (18 candidates).

Mary F. Perry (X)	7:276
Maurice H. Aronoff	7:445
William O. Perry	7:356
Osee M. Salter	8:548
Jessie E. Borden	8:506
Margaret B. Hewitt	6:379
George G. Reed	6:370
Bernice R. Coffin	7:402
Harriett M. Borden	7:400
Eva P. Pulsifer	7:477
Helen C. Patten	7:424
William L. MacKeen	7:499
Edwin E. B. Wolfe	6:419
Austin E. Brownell	7:465
Ralph H. Shaw	7:496
Hilma W. MacKinlay	7:437
Marjorie G. Whitman	7:458
Lydia E. Newcomb	7:360

Unsuccessful, (XI, 0; X, 1; IX, 1).

INVERNESS—(59 candidates).

XI. (6 candidates).

Elizabeth D. McKnight	7:470
Duncan MacLellan	7:395

X. (16 candidates).

Jean Neil McLean	6:407
Mary Alice MacLean	7:427

Elise Annie Glabais	7:374	William Stanton Jackson	7:333
Dan J. McLellan	6:351	Evorna V. English	7:459
Dan Hugh Nicholson	6:345	Hilda Margaret Kinsman	7:397
		Margaret E. Forsythe	7:363
		Kathleen M. Mosher	8:434
		Mary Adella Clerk	7:451

## IX. (37 candidates).

Dorothy G. A. Henderson (XI)	7:333
John Roderick MacNeil (XI)	7:246
David Le Blanc (XI)	7:203
Annie Jane MacLean (XI)	6:244
Catherine McDougall (X)	7:299
Sadie C. McEachern (X)	7:282
Margaret McIsaac (X)	7:302
Flora May Ling (X)	7:275
Delphina Susan LeBlanc (X)	7:302
Daniel William Ling (X)	7:302
William Dan Stewart (X)	6:244
Annie Maria Butterworth (X)	6:267
Annie Laura Campbell	6:325
Alliyn Catherine McDonald	6:305
Catherine N. MacQuarrie	6:324

## Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 3; IX, 34).

## JOGGIN MINES—(35 candidates).

## XI. (7 candidates).

Helen E. Pugsley	8:452
Almira E. Wood	7:346
Eva M. Burbine	7:326
Myrtle A. Devine	6:410

## X. (9 candidates).

Georgina A. Landry (XI)	7:285
Lisle Bertram Webb	8:428
Vera B. Charman	7:410

## IX. (19 candidates).

Georgia F. Ripley (XI)	7:226
Elmer F. O'Regan (XI)	6:192
Mary L. DesBarres (X)	6:285
Ella Maud O'Regan (X)	6:289
Clara Alma Kennedy (X)	6:253
William Henry Rockwell	7:416
Edna May Hilton	7:387
Eliza F. Quigley	7:397
Raymond R. P. J. Filmont	8:358

Unsuccessful, (XI, 0; X, 4; IX, 15).

## KENTVILLE—(54 candidates).

## XI. (16 candidates).

Mabel Gertrude Nichols	8:343
Francis Isabel McHefey	7:428
Annie Louise Morine	7:331
Hubert Antoine Lyons	7:352
Edward L. Wamboldt	6:350
Mary Elizabeth Harvey	7:397
Marjorie Vivian Newcombe	6:381

## X. (12 candidates).

Mary Agnes Hiltz (XI)	7:323
Leah Margaret Myers (XI)	6:240
Eileen K. Willey	7:452
Kathleen G. Thorpe	6:371
Sheldon Charles Turner	7:377
Winnie Belle Rafuse	6:344
Hazel Serena Forsythe	7:326
Dorothy Josephine Yould	7:408
Eva Marion Sealy	7:326
Olivia Elizabeth Lamont	7:508
Robie Roscoe	8:478
Gertrude Alice Frail	7:398

## IX. (26 candidates).

Charles Edward Herbert (XI)	6:214
Nellie Dolorosa Rooney (X)	7:320
Christine Agnes Wamboldt	7:372
Mary Elaine Dodge	8:443
Margaret Du Roy Harris	8:372
Grace Mabel Dennison	7:484
Pearl Evangeline Young	7:377
Reginald Mosher	6:308
Freda W. MacQuarrie	8:460
Lillian Madeline Hiltz	7:487
Muriel Agnes Murray	7:368
Norma E. C. Webster	8:563
Neomia G. Keddy	6:368
Margaret Ann Schofield	6:389
Lillian R. Brachin	7:438
Marjorie E. Sheffield	7:348

## Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 1; IX, 12).

## LIVERPOOL—(79 candidates).

## XI. (20 candidates).

Letitia Letson Sponagle	7:327
Gladys Marie Hartlen	6:419
Mary Ellen Fraser	6:441
Thelma Kathleen MacLeod	6:333
Dorothy Inez Smith	6:384
Walter Keene Bagley	6:399
Elsie May MacLeod	7:370
Marie Rawson B. Freeman	7:412
Mary Doris Atkins	6:369
Olivedene Sabean	6:818

## X. (25 candidates).

Linda Eloise Atkins (XI)	6:298
Edith Marie Latham	6:446
Etta Grace Stuart	6:368
Marion Olivette Nickerson	6:336



Lillian May Parks	6:419
Bernice Marguerite Forbes	7:373
Samuel Russel Forbes	7:488
Elsie Myrtle Lennox	7:383
Gertrude Jean McCaffrey	7:371
Harriet Leonora Smith	6:473
Lillian Marie Whitman	6:358

IX. (34 candidates).

William Robie Silver (XI)	6:270
Marion Campbell O'Reilley (XI)	7:253
Ida Crowley (XI)	6:232
Dorothy Mary Anthony (XI)	6:252
Eliza Grace Young (XI)	6:242
Robert K. MacKinnon (XI)	6:225
Ella Josephine Fisher (X)	6:259
Hazel Marguerite Freeman (X)	7:299
Gladys Irene Lloyd (X)	7:345
Mary Winnifred Sponagle (X)	6:265
Nita Marguerite Meisner (X)	7:330
Donald William Payzant	8:521
Evelyn Gertrude Lloyd	7:395
Kathleen Margaret Freeman	7:337
Millard Cole Harlow	8:432
Douglas Arthur Lockwood	6:320
Rhoda Beatrice Parks	6:428
Alice Mary Wright	6:419
Elsie Mae Scobey	6:420
Albertine Young Winters	6:309
Raymond Perry Thompson	6:431
Charles Ellwood Zinck	6:344
Peter Lorimer Judge	6:464
Iva Davis Adams	6:473
Edna Amelia Kenney	6:398
Margaret Elizabeth Payzant	6:437
Leona Croft	6:353
Lena Smith	6:401
Doris Mildred Bagley	6:336
Frederick Edward Mitchell	6:374
Edith Mildred Hunt	6:312
Robie Freeman Leslie	6:310
Estella Monzar	6:322
Gladys Marion Monzar	6:334
Grace Kathleen Smith	6:408
Hilda Beatrice McGowan	6:432
Estella Verna Farquhar	6:353

Supplementary, (1 candidate).

Unsuccessful, (XI, 3; X, 9; IX, 8).

LOCKEPORT—(37 candidates).

XII. (1 candidate).

Mary Alma Hamilton	9:459
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XI. (10 candidates).

Alice Matilda Locke	6:391
Louise Sutherland Hogg	6:333
Florence MacKenzie	6:351
Eva Bessie MacKay	6:313
Margaret Hardy Hayden	6:462

X. (14 candidates).

Jessie Beatrice Shupe (XI)	6:296
Beatrice Edna Meadows	6:476
Rita Jost Weddleton	7:423
Annie May Bill	7:396
Doratheia Mae Harding	6:357
Etta Thorborn Hardy	6:354
Martha Smith Hardy	6:419
Erminie Viola Decker	6:382

IX. (12 candidates).

Ivy Victoria Smith (XI)	6:299
Minnie Gladys McIntosh (XI)	6:341
Sarah E. Townshend (XI)	6:270
Jennie Olivia Farrington (XI)	6:207
Muriel MacKay (X)	6:280
Abbie Keziah Seaboyer (X)	7:304
Dorothy Louise Bill (X)	6:249
Estella Bereneice Lewis (X)	6:306
Harriet Lisk Copeland	6:333
Ruth Lee Harding	6:385
Mabel Elaine Ruggles	6:369
Thomas Theodore Benham	7:430
Esker Frank Thompson	6:337
Marjorie Arthur B. MacMillan	6:324
Loletia Hardy	6:319
James Kenneth Huskins	6:393

Unsuccessful, (XII, 0; XI, 0; X, 3; IX, 4).

LOUISBURG—(26 candidates).

XI. (1 candidate).

Roderick Kerr	8:551
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X. (5 candidates).

Stella Catherine Hilchey	7:413
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IX. (20 candidates).

Helen Jean Covey (X)	7:320
Dora Grace MacDonald (X)	6:287
Sarah Alexis Harris	6:304
Sarah Hudson Bagnell	8:353
Katherine Mary Buttenshaw	7:407

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 2; IX, 16).

LUNENBURG—(133 candidates).

XI. (27 candidates).

Ethel Leila Tannar	7:454
Beulah Jean Smith	7:434
Doris Mary Holder	7:368
Douglas Freeman Adams	8:545
Audrey Marie Smith	7:479
George Fenwick Heckman	6:481
Margaret Isabelle Burns	7:372

Lela Ione Herman	7:360	Myra Victoria Backman	7:520
Leah Beryl Maxner	7:343	Grace Ethel Geldert	7:438
Everett George Geldert	6:324	Erna Evelyn Westhaver	7:510
Hilma June Falkenham	7:413	Robert Douglas Silver	7:464
Harry James Knickle	7:489	Earle K. Currie	8:413
Mildred Louise Romkey	6:382	Maud Louise Tanner	7:469
Pearl V. J. Publicover	6:359	Jean Marguerite Geldert	7:499
Muriel Alice Zinck	7:432	George Edwin R. Bailey	7:393
Hazel Marguerite Smith	6:345	Mildred Louise Schnare	7:374
Ellen Madge Schnare	7:419	Hilma Pearl Westhaver	7:371
Murray Emerson Fitch	6:497	Mayme Louise Schnare	7:404
Bernice Alene Sproule	6:383	Cecelia Louise Seaboyer	7:471
Beryl Mildred Corkum	7:370	Vivian Pauline Smith	7:359
Clarice A. Corkum	6:325	Lottie Belle Shupe	7:401
Florence Jane Zwicker	6:391	Dorothy Irma Miller	7:345
		Grace Evelyn Zinck	7:388
		Myra Marguerite Rafuse	7:486
		Lillie Maisie Westhaver	7:365
		Annie B. Cleveland	7:440
		Eugene William Miller	7:350
		Norene Olivia Duggan	7:345
		Fannie Julia L. Rhuland	6:351
		Carrie Leone Hirtle	7:370
		Charles Albert Daniels	7:398
		Florence Pearl Backman	7:414
		Adah Sophie Knickle	7:340
		Ola Kathleen Morash	7:358
		Hilda May Mosher	7:353
		Aleta Feletta Geldert	7:365
		Bessie Elizabeth Simmons	7:384
		Ralph Bell Zwicker	6:327
		George Roland Conrad	6:422
		May Edna Publicover	6:345
		Jennie May Himmelman	7:422
		Nina Ward Corkum	6:401
		Donald John William Cook	6:321
		Murray Whitman Smith	6:316
		Violet Evelyn Creaser	6:307
		Carrie Maude Wamback	6:346
		Pearl Estelle Gerhardt	6:353
		Ruby Annabel Mason	7:523
		Flora Beatrice Covey	7:555

## X. (44 candidates).

George Wesley Ernest (XI)	7:323		
Doris Belle Mahoney (XI)	7:315		
Hilda Gertrude Corkum (XI)	7:257		
Evelyn May Davie	7:271		
Lucy Jane Macdonald	8:441		
Thomas Guy Walters	8:447		
Vida Cicely Oxner	8:483		
Mary Lucretia Oxner	8:570		
Florence Maude Eisnor	8:564		
Bessie Marion Smith	7:369		
Mabel I. G. Young	7:433		
William Ross Ross	8:473		
Minnie Albertha Young	8:403		
Lela Marguerite Schnare	7:440		
Jean Florence Smith	8:392		
Darrall D. A. Mason	8:431		
Charles Samuel Maxner	7:379		
Leone Matilda Tannar	8:437		
Jennie Lottie Tannar	7:360		
Erna Rose Conrad	7:385		
Dorothy K. Parks	7:414		
Evelyn Pearl Hiltz	7:498		
Donelda Ellena MacDonald	8:441		
Amy Louise Rafuse	6:388		
Douglas Alvin Conrad	7:527		
Everett Malcolm Ritcey	6:517		
Frank Fraser Creaser	6:438		
Grace Elizabeth Wentzell	6:460		
Marjorie Louise Ritcey	6:433		
Alice Louise Smith	6:411		
Grace Victoria Mosher	6:348		
Erna Muriel Ritcey	6:367		
Bessie Florence Parks	7:387		
Nellie Edwina Jodrey	6:416		
Ella May Zinck	6:372		

## IX. (62 candidates).

Ruth Slawnwhite Whitney (XI)	6:354		
Frances May Tanner (X)	7:319		
Iris Ione Louise Oxner (X)	6:288		
Frances Maude Young (X)	7:300		
Merle V. Berringer (X)	8:299		
Greta Amelia Conrad (X)	7:292		
Bernard Maxwell Creaser (X)	6:293		
Murray Barnson Emeneau	8:711		
Harry West Messer	8:483		

Supplementary, (2 candidates).

Unsuccessful (XI, 0; X, 7; IX, 18).

MAHONE BAY—(69 candidates).

## XI. (21 candidates).

Margaret Constance Eisenhauer	7:384
Uniacke Atwood Mader	6:335
Amy Matilda Zink	7:374
Lillian Jean MacLean	6:308
Mabel Blanche Wile	7:371
Hope Evermore Hamilton	7:435
Emily Mildred Keddy	7:347
Constance Angelina Zwicker	7:388
Glennie Etoil Margaret Ernst	7:401
Lena May Wagner	6:344
Muriel Eliza Dorothy Hiltz	6:350
Evelyn Annie Lightizer	6:361

X. (28 candidates).

Clarice Audry Zink (XI)	7:292
Florence Lenora Hamm	6:338
Ellen Maud Begin	7:451
Vera Kathleen Mader	7:354
Orland Aubry Hirtle	6:477
Effie Ellen Lake Zwicker	7:364
Margaret Ivy Kathleen Ernst	7:481
Hilda Elizabeth Zineth Mader	7:396
Ross MacGillvary Mader	6:392
Killoughby Charles Ray Begin	6:370
Pearl Vinetta Mills	7:407
Pearle Leita Broome	6:374
Mabel Adelia Wentzell	6:381
Grace Evelena Whynot	7:325
Maud Beatrice Whynot	7:338
Vida Diadem Wentzell	6:334

IX. (20 candidates).

Belle Elizabeth Ernst (XI)	7:239
Phyllis Evelena Mader (XI)	6:280
Blanche Mildred Mader (XI)	7:249
Flora Rae Zwicker (XI)	7:311
William David Eichel (XI)	6:204
Hazel May Schnare (X)	6:283
Daisy Belle Rhodenizer (X)	7:317
Leila Beatrice Jollymore (X)	6:297
Winnie Florence Rafuse	7:469
Burdette Rena Zinck	7:406
Laura Ethel Wentzell	6:315
Annie Adeen Dauphinee	7:386
Allan Everette Strum	6:438
Audrey Geraldine Winters	6:356
Everett John Slauenwhite	7:386
Floyd Arnold Zink	6:418
Joy Ida Hamilton	6:507
Juanita Mosher	7:515
Ora Pauline Mader	6:373
Gustave Cyle Nelson	6:399
Edith Constance Andrews	7:480
Frank Luther Ernst	6:422
Ruth Evelyn Wile	7:562
Joye Alda Hyson	7:432
Ethel Louise Freeman	6:317
Hannah Selena Strum	7:540
Sadie Elfreda Blanche Smeltzer	7:440
Marion Gertrude Smeltzer	6:380

Unsuccessful, (XI, 3; X, 10; IX, 0).

MAITLAND—(56 candidates).

XI. (7 candidates).

Mary Hazel Geddes	6:315
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X. (24 candidates).

Abbie Louise Woodworth (XI)	6:296
Bertha Graham (XI)	6:298
Katharine Florence Ray (XI)	6:272
Frances Adelaide Davidson	6:363
Hilda Maude O'Brien	6:396
Mildred Evadne Lingard	6:310

May Josephine Graham	6:420
Ena Gertrude Custance	6:388
Elizabeth Ellen Laffin	6:399
Georgia Latitia Dimock	6:388
Jessie Louise Rose	6:437
Mabel Rebecca Tomlinson	6:345
William Munroe Hilchie	6:435

IX. (25 candidates).

Lura Eleanor Geddes (XI)	6:293
Gladys Audrey Webber (X)	6:260
Mabel Evelyn MacCulloch (X)	6:292
Ruby Freda Hill (X)	6:331
Selina Mabel Lingard (X)	6:278
Bina Louise McDougall (X)	6:261
Erna Letitia Woodworth (X)	6:270
Madge Douglass McLellan	6:339
Greta Belle Hennigar	6:337
Raymond Clair Densmore	7:395
Elizabeth Jane Miller	6:484
Hildred Miller	6:372
Estella Margaret Rose	6:311
Bertram Blois	6:316
Florence Emily White	6:387
Andrew Elgar Mann	6:328
Nellie Curren	6:308
Lillian Lawrence	6:413
Alice Aletha McCulloch	6:303
James Turpel Geddes	6:301

Supplementary, (1 candidate).

Unsuccessful, (XI, 2; X, 8; IX, 12).

MARGAREE FORKS—(43 candidates).

XI. (6 candidates).

Jimina McKenzie	6:306
Lenora Sarah McLeod	6:325
Rebecca Margaret Dunn	6:431
Annie May McQuarrie	6:358

X. (17 candidates).

Grace Delvina Le Blanc (XI)	6:274
Annie Belle Cody	6:330
Margaret Belle Cameron	6:337
Catherine Tillie Chiasson	7:380
Jessie May Cody	6:351
Martha Rebecca Tompkins	6:346
Gertrude Margaret McDaniel	6:337
Julia Ann Tompkins	6:352
Olga Ardis Park	6:397
Annie Genevieve Gillis	6:378
Annie Florence McLennan	6:368

IX. (20 candidates).

Timothy Burns (XI)	7:298
Empress Maud McDermid	6:321
Unsuccessful, (XI, 0; X, 7; IX, 19).	

## METEGHAN—(24 candidates).

## XI. (9 candidates).

Jacqueline Stehelin	7:364
Camilla Colette Belliveau	7:442
Daisy Eleanor Journeay	6:320
Margaret Ferguson Journeay	6:367

## X. (5 candidates).

Rita Anna Maillet (XI)	7:319
Rose Anna Belliveau (XI)	7:384

## IX. (10 candidates).

Lena Rose Doucet (XI)	7:220
Mary Bernice F. Amiraault (XI)	7:250
Mary Bernadette Stuart (XI)	7:322
Ernest Lawrence Maillet (X)	6:305
Catherine Agnes Delaney	7:332
Delvia Marie Robichaud	7:376
Angele Marie Robicheau	7:334
Marie Agnes Robicheau	7:380
Mary Rose Saulnier	7:349

Unsuccessful, (XI, 0; X, 4; IX, 5).

## MIDDLETON—(87 candidates).

## XII. (1 candidate).

Hortense V. B. Spurr	9:495
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## XI. (25 candidates).

Olive I. Banks	6:374
Mabel C. Brown	8:433
Elizabeth N. Kelley	7:445
Clyde R. Wilson	6:355
Hazel E. Conrad	6:433
Ruth B. Foster	6:319
Fitch B. Banks	6:386
Lloyd F. Woodbury	6:366
Annie G. Palmer	6:345
Florence L. Watson	6:415
Charles P. Stronach	6:338
George L. Stronach	6:359
Neil F. Marshall	7:476
Kenneth S. Wyatt	7:451
Ethel V. Neiley	6:368
Hibbert L. Parsons	8:396

## X. (28 candidates).

Aubrey C. McAloney (XI)	6:385
Elsie P. Bruce (XI)	6:253
Irene V. Jackson (XI)	6:299
Elma J. Bowby	6:281
Lucy M. Brown	6:309
Ruby A. Waterman	6:343
Verna A. Barkhouse	6:325
Addie I. Fritz	6:315
Veva M. Barteaux	6:435
Edith B. Marshall	6:301
Hazel W. Palmer	6:325

Elizabeth R. Spinney	6:428
Eileen M. Dodge	6:359
Carl Y. Fisher	6:343
Henry G. Goucher	7:447
Albert J. Rogers	6:454
Evelyn R. Bentley	8:405
Helen L. Bentley	7:410
Susie B. Turner	7:392
Elliott L. Crawford	6:463

## IX. (33 candidates).

Rowland C. Marshall (XI)	6:390
Annie H. Foster (XI)	6:206
Mabel W. Bent (XI)	6:275
Beatrice L. Weaver (XI)	6:222
Violet M. Rice (XI)	6:327
Edward B. Ritchie (X)	7:325
Lurline J. Harlow	6:386
Iris F. Rafuse	6:368
Edda L. Banks	6:383
Edgar F. Palmer	6:412
Harold Beardsley	6:419
Minnie K. Pierce	6:316
Lalia M. Dorey	6:301
Rhoda M. Crowe	7:339
Madeline A. Fisher	7:469
Agnes M. Gales	7:437
Honora J. Woodbury	6:344
Nelson A. Patterson	6:339
Donald F. Patterson	6:300
Marguerite E. Marshall	6:386
Mabel E. Schofield	6:300
Ethel S. Annis	6:396
Gladys I. Bruce	7:449
Olive M. Stevenson	7:381
Veva E. Bruce	7:457

Supplementary, (4 candidates).

Unsuccessful, (XII, 0; XI, 0; X, 10; IX, 14).

## MIDDLE MUSQUODOBOIT—(50 candidates).

## XI. (14 candidates).

Vera Irene Dillman	6:371
Roberts Brian Archibald	6:424
Emily Ormond Sutherland	6:308
Charles Hill Wallace Sedgewick	7:560
Hugh Smith Hanna	7:387
Helena Mae Kent	6:371
Ahnabel Hamilton	6:342
Ada Helen Henry	6:404
Olive Bernice Shaw	6:356
Florence Mary Stewart	6:301

## X. (21 candidates).

Alice Irene Holman (XI)	7:314
Ruby Ellen Burnett	6:351
Mary Braden McFetridge	6:458
Ruth Beatrice Higgins	6:448
Iva Neola Heath Mitchell	6:441

Rosanna May McFatrige	6:465	Alexander Coll McLean	8:481
Alice Cairns Archibald	6:473	Rhoda Gregg Small	7:350
Lilian Marguerite Henry	6:348	John James Oliver	8:476
Hazel Vance Miller	6:350	Randolph Airlie Douglas	9:505
Irene Margaret Redmond	6:356	Clara Belle MacDonald	8:388
Jobina Mae Stoddard	7:421	Agnes Jennie Cameron	6:377
Jennie Archibald Stoddard	7:546	Anna Violet Cameron	8:494
Gertrude Viola Grant	6:373	James Edward Grant	8:412
Hildred Sarah Rhind	6:338	John James Meikle	7:371
		Charlotte Jean Fraser	7:409
		Alice Fraser	6:352
		Helen Ethel Phinney	6:417
		Charles Johnstone Reeves	7:375
		Jessie Jemima McDonald	6:344
		Hilda Katherine Fraser	7:394
		Margaret Caroline Stewart	6:341
		Theodore Fraser Johnson	6:363
		Vera Evelyn Cameron	7:361
		Mary Cecilia Flynn	7:340
		Faustina Chisholm	7:393
		Isabel MacNeil	7:410
		Jessie Ann Chisholm	6:381

IX. (15 candidates).

Edith Gladwin Dickie (XI)	6:298
Ruth Sybil Ellis (XI)	6:339
Annie Alice Fancy (XI)	6:272
Elsie Adelle Dillman (X)	6:250
Emma Murray Farnell (X)	6:294
Lottie Belle Higgins (X)	6:297
Lillas Pearl Ogilvie	6:373
Sylvia May Grant	6:369
Margaret Elsie Scott	6:341
Alice Loreen McCurdy	7:419
Ruby Blanche Ellis	6:441
Kenneth Marr Erskine	6:306
Mary Gammel Chaplin	6:396

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 5; IX, 8).

NEW GLASGOW—(195 candidates).

XI. (36 candidates).

Violet Hattie Powell	6:397
Mabel Cumming	9:650
David Earle Green	8:571
Janet Georgina Calder	7:473
Marion Christison	8:427
Margaret Gilham Huddart	8:368
Ina Pullman	9:417
Minnie Grace Ross	7:372
Janet Agnes Chisholm	7:403
Teresa McLeod Park	7:403
Arthur Dobson	7:358
Pearl Margaret Allan	6:337
Florence Mabel Thomas	8:413
Nellie May Campbell	6:374
Bessie May McKenzie	6:445
Gladys Vivian Stewart	7:374
Mary Agnes Reeves	7:408

X. (76 candidates).

Elizabeth Cullen Murray (XI)	8:310	Henry McDonald (XI)	7:286
Christena Grant Fraser (XI)	7:294	Francis Newcomb Layton (XI)	8:260
Rena May McDonald (XI)	7:298	Marion Louise Beck (XI)	7:234
Charles Perkins Campbell (XI)	7:299	Mildred Irene Cameron (XI)	7:234
Elsie Calder Muir (XI)	8:285	John Andrew Milne (XI)	7:422
Margaret Alice Chisholm (XI)	7:303	James Harris Reid (XI)	6:259
John Forbes Brown	7:526	Isabel Stuart Reid (XI)	6:238
Jean McLean	9:495	Florence E. McDonald (XI)	7:324
Margaret Louise McCurdy	9:573	Harold Rose Fraser (XI)	6:197
Clarence Miller McLean	7:468	James William MacKay (XI)	7:239
Mildred MacDonald Reeves	8:466	Tena Jessie Ross (XI)	6:265
Clarice Barbara Fraser	8:416	Anna Ross (XI)	6:201
		Marie Gordon Grant (X)	7:298
		Mildred Elsa Maher (X)	7:290
		Margaret Catherine Colter (X)	7:320
		Wilma Evelyn Phinney (X)	6:264
		Thomas Clifford Fraser (X)	7:285
		Annabelle Fraser Robertson (X)	8:340
		James Norman Murray (X)	8:385
		Jean Stewart (X)	7:283
		Gordon Daniel Fraser (X)	8:264
		James William S. McKenzie (X)	6:251
		Ellen St. Clare Reid (X)	6:280
		Annie MacDonald Chisholm (X)	6:307
		Christina May McIntosh (X)	6:290
		Duncan Edward McHardy (X)	6:279
		Helen Margaret Collum (X)	7:276
		Ralph Edwin Foote (X)	6:264
		Ivy Francis Bowden	8:665
		Harry Barber	8:559
		James Drummond MacGregor	8:619
		Clara Fraser Murray	8:607
		Grace Hazel Mackay	8:540
		Verda Isabel McDonald	8:591
		Leonard William Fraser	7:409
		Mary Christena Fraser	7:367
		Anna Christine Sutherland	8:555
		Charles Edward McIntosh	7:431
		Hugh Fraser McKay	8:439
		Ralph Davis	7:381
		William Glenthorne MacKay	8:408

Dorothy Johnston Graham	8:465
James MacKenzie Robertson	8:492
Minnie Trehwella Gyles	7:353
Jean Elizabeth MacLellan	8:451
Katherine Dunbar Marshall	8:415
Annie Calder Fraser	8:353
Rose Florence Williams	8:404
Joseph Mackay Stewart	8:472
Isabel Jean Smith	8:373
Allister Stewart MacKenzie	7:333
John Stewart Dewar	7:339
LeVerne Margaret Dewar	7:343
Robert Keith Muir	8:438
Mary Cameron Bliss	6:304
Cameron Angus McKay	8:362
Lillian Maud Hutt	8:353
Katherine Florence Thompson	7:391
Isabel Mabel Chisholm	6:396
Christy Grace Himmelman	7:335
Douglas Delancy	7:359
Viola McLeod Silliker	8:375
Mabel MacDonald	7:350
William John Chisholm	7:309
Jean MacDougall	6:357
Nellie Crichton Kirkwood	6:345
Ethel McKay Chisholm	6:328
Christiana Robertson	6:440
Flora MacDonald Langille	6:322
Jennie Frances Atkins	7:370

Supplementary (3 candidates).

Unsuccessful (XI, 1; X, 32; IX, 41).

NEW WATERFORD—(31 candidates)

XI. (8 candidates).

Teresa Keats	7:434
Ada Attwood	7:496
Elizabeth MacSween	7:452
Daniel Francis Roberts	7:325

X. (5 candidates).

Irene Pendergast (XI)	7:317
Ethel Marguerite Young (XI)	7:292
William Phillip Campbell	7:552
Katherine Greens	7:510
Jans Amelia Hawley	7:368
Eva Burns	7:364

IX. (18 candidates).

Marjorie Christina McPhee	7:254
Samuel Campbell	6:292
Michael Patrick McIsaac	7:400
Florence McKay	7:354
Annie Timmons	7:369
Elizabeth Mary Hines	7:398
Flora Catherine Morrison	7:408
Mary Margaret Johnston	7:449
Elsie Marie Lepper	7:345
William Bremer	7:441
Joseph McNeil	7:391

John Pius McLeod	7:405
Joseph Chiasson	7:400
Catherine Beaton	7:444

Unsuccessful (XI, 0; X, 1; IX, 6).

NORTH SYDNEY—(10 candidates).

XI. (24 candidates).

Clifford Shaw Thompson	7:370
Edward Cossman	8:437
Lawrence Ingraham Wilson	7:382
William Murdock Buchanan	7:409
John Fraser Morrison	7:370
Leonard MacDonald	8:582
William Boyd MacOdrum	8:449
Harry Mathers Young	7:410
Teresa Mary MacDonald	8:364
Elizabeth Anne MacKinnon	7:414
Mildred Elizabeth MacKean	7:345
Christina Catherine Campbell	7:403

X. (42 candidates).

John Wilkerson Munn (XI)	7:297
Lorne Colin Rice (XI)	7:315
Norman Burchell (XI)	7:374
Donald MacGregor Hackett (XI)	7:310
Jean Frances Armstrong (XI)	7:280
George Wilson MacDougall	8:362
Ralph Schurman	8:408
Ernest Edward Ferguson	7:375
Ronald Joseph MacDonald	8:385
Catherine Rebecca MacOdrum	6:363
Mildred Pauline Sainthill	7:333
Evelyn Rice Armstrong	8:427
Margaret Anastatia Cantwell	6:318
Jennie May McLeod	8:429
Sara Christena Fraser	7:376
Helen Sophia Calver	8:356
Josephine Loretta Hindle	7:436
Vivian McDonald	7:341
Annie Kane	6:304
Agnes Nicholson	7:452
John Charles Perry	8:421

IX. (40 candidates).

Angus Grant Matheson (XI)	7:268
Russell Logan MacLean (XI)	7:313
Myrtle Bethune (XI)	7:263
Mary Doucet (XI)	8:262
Amy Harriet Jackson (XI)	7:305
Katherine MacDonald (XI)	7:280
James Harold Salter (X)	7:322
Annie Easdale Partridge (X)	7:303
Vida Pierce Scott (X)	7:340
Eliza Roberta Ross (X)	7:305
Greta Moffatt	7:311
Isabel Gertrude Kiely (X)	7:324
Jennie Hilda Stove (X)	7:302
Annie Jessie MacInnes (X)	7:300
Ethel Margaret Allan (X)	7:306
Jean Francis Musgrave (X)	7:306
Ellen Burke McDonald (X)	7:314

Mary Ann McLean (X)	8:348
Mary Elizabeth Gouthro (X)	7:262
Hiram Brown (X)	8:328
Ruth Margaret Salter	7:323
Jennie Rose Crossman	8:551
Doris Pilkington	8:532
Lillian Irene Appleby	8:516
Hilda Margaret Cann	7:326
Annie Ethel Ferguson	7:383
Mary Gillis	7:367
Mary Mildred Ratchford	7:331
Marie Genevieve Alexander	7:333
James Burrows Granville	8:430
Edward Elderkin Crowell	8:474
Joseph Daniel Gillis	7:370
David Drummond MacKenzie	7:497
Elizabeth Jessie MacDonald	7:438
Jessie Ann MacLeod	6:309

Unsuccessful (XI, 1; X, 12; IX, 25).

OXFORD—(59 candidates).

XI. (11 candidates).

Grace Kathleen Brownell	6:499
Estella Victoria McDougal	6:355
Matilda Katherine Black	6:339
Beryl Lenore Thompson	6:423
Helen Ola Belle Stewart	6:333
Belle Marie Siddall	6:360
Janie Andrews McCabe	6:343

X. (18 candidates).

Addison Hobart Peppard (XI)	6:287
Florence Edith Hutcheson (XI)	6:353
Grace Ester DeMings	6:322
Cecil Howard Mattinson	7:548
Nellie Gwendolyn Johnson	6:437
William Eddy Embree	6:424
Clara May Patterson	6:307
Gladys Rave Cove	6:402
Elsie Beatrice Swan	6:393
Leona Gladys Coates	6:415

IX. (39 candidates).

Myra Frances Gordon (XI)	6:190
Florine Alice Cove (XI)	6:202
Rose Lillian King (X)	6:287
Letitia Lorna Moore (X)	6:250
Evelyn Ripley (X)	6:283
Grace Edith Siddall (X)	6:277
Alma Augusta Simpson	6:378
Minnie Pearl Dickie	6:392
Leotta Pearl Halliday	6:345
Phyllis Matilda Bragg	6:445
Charlie Lockhart Fillmore	7:463
Mary MacArthur	6:468
Harley Reid Mattinson	6:308
Jean Muir Swan	6:366
Verna May King	6:446
Roberts Kitchener Ross	6:344
Ruth Evangeline LeCain	6:354
Florine Bessie Gilroy	6:356

Edyth Isabella MacDougall	6:455
Florence Pauline Smith	6:356
Mary Florence Jeffers	6:449
Jessie T. Schurman	6:321

Supplementary (2 candidates).

Unsuccessful (XI, 0; X, 6; IX, 14).

PARRSBORO—(90 candidates).

(XI. 25 candidates).

Minnie Myrtle Durning	7:411
Perry Stanley Cochrane	8:525
Otto Glendon Parsons	6:341
Gussie Geraldine Brown	6:387
Erma Reta Fash	8:460
Reta Jeanette Graham	8:386
Josephine Stickney Henderson	8:437
Muriel Bigelow Loomer	8:343
Salome Arlette Morrison	7:321
Grace Kathleen Pettigrew	8:431
Hildred Watson Polley	7:502
Helen Roberta Pugsley	7:403
Myrtle Irene Sencabough	8:426
Georgia Louise Spicer	8:432
Mabel Hunter Welsh	7:495
Ethel May Willigar	6:372
Molly Baugn Morwich	8:476

(X. 29 candidates).

Edna Louis Fullerton (XI)	6:297
Alice Gilberta Rutherford (XI)	7:315
David Lawrence Harrison (XI)	8:331
Lilah Hazel McLellan	6:356
Leona Alberta McBurnie	7:328
Mabel Louise Davies	6:355
Blanche Margaret Davies	6:320
Fannie Elizabeth Thompson	7:357
Bessie Muriel Yorke	6:386
Charlotte Mabel Taggart	7:322
Clara Bridgetta Brown	7:331
Violet Regina Brown	7:354
Mary Kathleen Connor	7:354
Annie Etter Kearney	8:447
Mary Hazel Kelso	7:370
Gertrude Jane MacAllister	8:374
Marie Elizabeth MacKay	8:430
Genesta Malcome Manuge	8:448
Willena Isabel Mosher	8:545
Marie Ferol Randall	8:534

(IX. 36 candidates).

Isabel Conway Crossman (XI)	7:209
Eliza May Lewis (XI)	6:200
Margaret Mona Loomer (XI)	7:242
James Edward Amberman (XI)	7:206
William Edward Roberts (XI)	6:203
Reta Myrtle Patterson (X)	7:293
Raymond Harold Wiles (X)	8:317
Elizabeth Julia Hatfield (X)	8:342
Robert Wilson Allen	6:388
Conrad Page Soley	6:371

Arthur Morton Hughes	6:339	Grace Evelyn Atkins	8:396
Hattie Lena Doyle	6:342	Lois Elizabeth Priest	8:574
Bertha Ellen Corbett	6:375	Marjorie Kitchen MacDonald	8:465
Frances Amy Taggart	7:324	Zoe Dorothy Munro	8:425
Myrtle Florence Lamb	6:417	Jean Blackwood Dick	6:342
Beryl Raymond McLeod	6:402	Helen Chipman Crockett	7:380
Helen Burpee Tucker	7:379	Mary Alexandria Kerr	7:339
Marjorie Lovett Tucker	7:348		
Flossie Victoria Ayer	7:394		
Anna Lavinia Gilbert	8:481		
Lenora Veronica Leighton	7:335		
Mary Margaret Martin	8:481		
Evelyn Moore	7:361		
Karl Thompson Mosher	7:434		
John Duncan Polley	7:390		
Hala Ripley Phinney	7:330		
Herbert Edmond Pugsley	7:342		
James Grant Rowe	6:313		
Monica Elizabeth Sears	7:368		

Supplementary, (3 candidates).

Unsuccessful (XI, 0 X, 9; IX, 15).

PICTOU—(156 candidates).

XII. (26 candidates).

James E. Saunders	11:811	Dorothy Rogers Munro (XII)	11:568
Margaret M. MacWilliams	10:597	John Gordon Laurence (XII)	11:465
Helen M. MacDonald	10:610	Elmer Herbert Murdoch (XII)	10:465
William R. Maxwell	11:764	James Daniel MacKay, Jr., (XI)	6:320
Robert D. Roach	11:771	Muriel Cameron (XI)	6:374
Everett B. Muir	11:579	Clara Gertrude MacKay (XI)	8:345
Jennie M. Malcolm	11:621	Ina Jessie MacKenzie (XI)	7:291
Isabel M. McLellan	11:633	George West MacDonald (XI)	6:292
Alexander D. MacQuarrie	11:662	Evelyn Marguerite Murray	8:614
Carmina A. Ross	10:666	Frances Ferguson Noonan	8:516
Anna S. MacKenzie	12:857	Jean MacGregor Thomson	8:475
Sybil MacLean	10:733	Mabel Ruth MacEachern	8:441
Gladys L. Huggan	9:651	James Wendell Fraser	7:357
Margaret B. S. Parker	12:666	Roland David Fraser	6:346
Muriel B. Reid	11:739	Lawrence Joseph Kiggins	8:575
Mabel J. Murray	11:824	Arthur Ferguson MacDonald	8:390
Hazel M. Giles	10:629	George Donald H. Morrison	8:517
Margaret I. Cameron	11:603	Donald Robertson Webster	8:589
Jessie M. Creighton	10:782	Elsie Mary Harris	7:451
Lottie M. MacLeod	11:619	Edna Hazel MacKenzie	7:394
		Katherine Gladys MacLeod	7:369
		Russel MacKay Douglas	7:386
		Peter Carrol McVicar	8:512
		Philip Grant Carroll	8:424
		Elsie Irene MacIntosh	7:389
		Irene Susan Ormiston	7:342
		Douglas Ingram Chetwynd	8:608
		Walter Cameron Hamblen	6:395
		Katherine Alexandria Young	7:343
		Jean Isabel Robertson	6:329
		Blanche Gillis Smith	7:349
		Florence Marguerite Kenney	7:428
		Mary Hilda Gallant	7:343
		Catherine Margaret MacKay	7:391

IX. (58 candidates).

		Margaret Anna Ross (XI)	7:251
		Georgie Etta Gunn (XI)	7:250
		Frances E. W. Sutherland (XI)	8:250
		Sarah Pearl MacLean (XI)	7:245
		Katherine Dickson Thomson (XI)	8:318
		Grace Allison Boggs (XI)	7:222
		Marion D. MacCunn (XI)	7:271
		Isabel Wisener (X)	6:291
		Harry Willis MacKenzie (X)	7:295
		Elizabeth Stalker Cameron (X)	7:275
		Ethel May MacLean (X)	6:262
		Margaret Anna MacKay	8:649
		Donald L. G. Gordon	7:405
		Roland Fraser Harris	8:491
		William Thomas D. Ross	8:434
		George Reginald Murdoch	8:459
		Jean Barbara Fraser	7:455
		Louis Clifford MacKenzie	8:371
		Ira Reginald Sutherland	8:409
Donald M. Sinclair (XII)	11:583		
Annie N. Wiltshire (XII)	9:450		
George P. Murray	8:559		
Annabel Maxwell	6:347		
Marjory B. McCully	8:375		
James W. F. Chisholm	8:589		
John Samuel Talbot	6:387		
John David MacLean	6:466		
John Murdoch Fraser	7:407		
William Sydney Gilchrist	7:368		
Helen Geddes Webster	8:564		
Jessie Alice MacKay	7:418		
Annie Catherine Sutherland	7:326		
Olive Reid	7:350		
Lelia Catherine MacKay	8:342		



Bessie Ruth MacKenzie	8:383
Bertha Jean Lowden	7:368
Jennie Tamplin	8:480
Blanche Reid	7:330
Christy Elizabeth MacAulay	7:368
Vera Kathleen Carson	7:357
Mae Margaret Fraser	7:448
Anna Estella MacKenzie	8:466
Grace Newhall Dalton	7:338
Florence Jean Brown	8:452
Edith Lillian MacDonald	8:408
Margaret MacMillan Hudson	8:548
Alvin Howard Smith	7:332
Margaret Jeanette Young	7:366
Pearl Gertrude Young	7:491
Catherine Marie MacRae	8:401
Mary Brennan	8:382
Eleanor McDonald	7:444
Anna Laura Creighton	7:336
Margaret Helen MacLeod	7:395
Josephine A. Johnston	7:419
Bessie Olive Anderson	7:346
Christeen Hannah Murray	6:348
David MacKay Ross	6:371
Ruby Agnes Creighton	6:319
Redvers Robert Ross	6:357
Elsie Catherine Cameron	8:463
Hazel MacDonald	7:340

Unsuccessful (XII, 1; XI, 0; X, 10; IX, 22).

PORT HAWKESBURY—(78 candidates).

XII. (1 candidate).

XI. (10 candidates)

Mary Katherine MacKinnon	6:338
Norman John MacLeod	6:357
Esther Lillian MacKichan	7:328

X. (32 candidates).

Edgar Henry MacLean (XII)	9:291
Hiram Alexander Embree (XI)	6:275
Euphemia M. McKinnon (XI)	6:260
Margaret Jane MacKinnon (XI)	6:282
Ronald John MacDonald (XI)	8:362
Barbara Ann MacRae	6:335
Mildred Mary MacKichan	7:345
Katie Sarah F. MacQuarrie	6:318
Marion Elizabeth Williams	7:442
Ruth Edith A. MacCully	7:368
Susie Minerva Lamond	6:370
Mary Jane Cameron	6:346
Bessie Mabel Grant	7:364
Sarah Margaret MacLeod	6:472
Jessie Katie B. MacPhail	7:328
Dan Angus McLeod	6:459

IX. (35 candidates).

Margaret McDonald (XI)	7:198
Bessie Marie Parks (X)	6:241

Christena Mabel Martin (X)	7:311
Alexander Colin MacPhail (X)	7:305
Daniel Joseph MacKay (X)	6:298
Margaret Catherine MacDonald	6:341
Mary Margaret Martin	6:347
Effie Christena Blue	6:314
Bessie Jeanette Murray	8:324
George Henry McLean	8:394
Margaret Mae MacQuarrie	6:310
Walter MacInnis	8:369
Elva Edna Hunt	6:321
Angus Norman McLeod	6:315
Bessie Ellen Carter	7:382
Ethel Blanch Carter	7:397
Florence May Carter	7:456
Christina MacInnis	7:475

Unsuccessful (XII, 0; XI, 2; X, 17; IX, 22).

PORT HOOD—(40 candidates).

XI. (3 candidates).

Carrie Ann Tobin	6:327
Mary MacLennan	7:333
Edith Rebecca Hart	6:318

X—(17 candidates).

Angus Alexander Beaton	7:330
Annie Floria McArthur	7:436
Marguerite Agnes McIsaac	7:415
Mary Janet MacDonald	7:398
Catherine Elizabeth Walsh	7:359
Rebecca Ann MacDonald	7:336
Margaret MacDonnell	7:363
Margaret Ann Campbell	7:426
Margaret MacMaster	7:413
Margaret MacMaster	7:526
Annie Catherine Beaton	7:380
Margaret Smith	6:317

IX. (20 candidates).

Agnes Watts Bell	7:387
Mary Annie Gillis	8:483
Alexander Macdonald	8:482
Maria Lily Davis	6:385
Annie Davis	6:422
Mary Ellen Gillis	6:378

Supplementary, (1 candidate).

Unsuccessful, (XI, 0; X, 5; IX, 14).

PUGWASH—(17 candidates)

X. (6 candidates).

Mary Elizabeth Mitchell	6:317
Emma Gertrude Hunter	6:417
Lavenia Millicent V. Colburn	6:442
Myrtle Josephine DeWolf	6:333
Ethel Lola Marshall	6:314

## IX. (11 candidates).

Margaret Evelyn Britton (X)	6:252
Josephine Hamilton Davidson	6:338
Margaret Vera McIvor	6:345
Ethel Victoria Williams	6:327
Florence Isabel Fraser	6:327
Austin Elmer Gayton	6:364

Unsuccessful, (X, 0; IX, 6).

## RIVER JOHN—(38 candidates).

## XI. (1 candidate).

## X. (14 candidates).

Jean Verlie McLean	7:349
Nina Munroe Henry	7:396
Dorothea Ernesteen Langill	7:375
Barbara Annie May Baillie	7:386
Helen Gordon Ross	8:452
Vera Johanna Bigney	6:315
Percy Mack Bigney	6:380

## IX. (23 candidates).

Janetta Marjorie Henry (XI)	6:239
Jennie Thomas (IX)	8:352
Clara Maud Hatch (X)	8:274
Mildred Lang Skillin (X)	8:346
Annie Estella McKay (X)	6:281
Minnie MacLennan	7:338
Jean Murray	7:406
Annie Inoe Sillers	7:397
Edith Margaret Colter	7:388
Bessie Jean Douglas	6:411
Florence Alberta Allen	7:326
Rebecca Isabel Ross	7:436
Greta Mildred Langill	7:346
Reita Mary Langille	7:372

Unsuccessful, (X, 3; IX, 14).

## SHEET HARBOR—(39 candidates).

## XI. (6 candidates).

Flora Theresa Fraser	6:350
Dorothy Erna Hall	6:394
Effie Viola Rutledge	6:327
Olive Jeanetta Leslie	6:363

## X. (13 candidates).

Lillian Margaret Balcom	6:359
Harry McGregor Dunn	6:369
Nellie Fenton Clattenburg	6:333
Beulah Marjorie Beaver	6:326

## IX (20 candidates).

Pearl Hall Rutledge (XI)	6:258
Sedela May Myers (XI)	6:213
Vivian Cecilia Gammon (X)	7:276

Emma Jemima Lowe	6:336
Edith Belle Irwin	6:358
Nora Leona Rutledge	7:405
Margaret Caroline Hartling	6:316
Cassie May Wessel	6:382
Laura Grace Balcom	6:331
Hilda Blanche Vogler	7:350
Bessie Matilda Hay	7:436
Christina May Fancy	6:303

Unsuccessful (XI, 0; X, 8; IX, 11).

## SHELBURNE—(29 candidates).

## XI. (5 candidates).

Alberta Cornelia Bower	8:503
Mary Anna E. Buchanan	8:423
Jenipher Penberthy Hood	8:384

## X. (9 candidates).

Charles Sherlock McGill	8:550
Simon Noah Goldberg	8:576
Agnes Florence Smith	6:349
Stanford Kenneth Kenney	7:426

## IX. (15 candidates).

Hazel Pearle D. Curry (XI)	8:240
Elizabeth Rose Blanchard	7:431
John Clark M. Clow	8:452
Helen Mary Hood	7:505
Audrey Riseborough	7:505
Ruth Adeline Wagner	7:481
Matthew Hutchines Bower	7:499
Evelena Augusta McKenzie	6:374
Gladys Maude Jones	6:394

Unsuccessful (XI, 1; X, 5; IX, 7).

## SHERBROOKE—(41 candidates).

## XI. (5 candidates).

Emma Louise MacLean	6:382
Helen Addean MacDonald	6:427
Mary Frances O'Hara	6:376

## X. (12 candidates).

Jennie Archibald Cameron	6:279
Dorothy Kathryn MacDonald	6:314
Hugh Graham MacDonald	6:405
Jennie Greta Redmond	6:371
Muriel Grace Jollota	6:366

## IX. (24 candidates).

Alma Elizabeth Algee (XI)	6:287
Beatrice Margaret W. Ashton (X)	6:287
Alice Sarah Sweet	6:345
Althea Caroline Wiggins	6:327
Clara Katherine Kirk	6:301
Flora Gladys MacKeen	6:306
Jennie Aletha Gordon	6:306

Richard Condon McDonald	6:354
Robie Silas Bezanson	6:323
Alberta Walton Moser	6:354

Unsuccessful (XI, 0; X, 7; IX, 16).

SPRINGHILL—(86 candidates).

XI. (20 candidates).

Hughena Ross Beaton	7:439
Ella Mabel Corkum	6:344
Annie Sarah Cottenden	7:410
Edith Alma Embree	7:479
Vivienne Thelma Embree	7:382
Emma Mae Foster	7:388
Nellie Odessa King	7:465
Jane Lysaght	7:514
Jewell Murdena Bell Murray	7:448
Isabel Conway Murray	6:377
Jessie Coghill Moss	7:453
John William Merritt	7:547
Martha MacIsaac	6:381
Ruby Cecilia McLaughlin	7:514
Annie Ashford Paul	7:419
Harold Nelson Soley	7:505
Winnifred Grace Wilson	6:422
Olwen Gertrude Jones	7:367

X. (27 candidates).

Emma Marion Fullerton (XI)	6:295
Mary Ann Allbon (XI)	7:322
Etta Merle Schurman	6:471
Etta Blanche Mills	7:356
Sadie Batist	8:550
Isabelle Campbell	7:447
Leonce Susan Cove	6:410
Calven Thomas King	6:404
Roxanna Eliza MacKenzie	8:711
Lillian Isabel MacRae	7:363
Emma Catherine McKinnon	7:377
Harold Archibald McKinnon	6:418
Annie Maria McLellan	7:380
Florence Mae Newman	6:421
Hattie Estelle Newman	7:460
Elbert Paul	6:438
Lila Paul	6:309
Laura Sarah Roney	7:400
Cora Rae Schurman	6:351
Elizabeth Margaret Oulton	7:347
Martha Robina Tabor	7:420
Vera Maud Terris	7:510
Hazel Areta Wilson	6:445
Hazel Bernice Smith	8:649

IX. (39 candidates).

George Alexander Pippy (X)	6:344
Hattie Marie Schurman	6:342
Mary Constance Gilroy	6:365
Bessie Jean Colborne	6:357
Dorothy Mae Brown	6:395
Guy Avarad Webb	6:339
Daniel William Beaton	8:493

Joseph Batist	8:502
Nettie Alice Cudahea	8:468
Lenora Amelia Calder	7:366
Leta May Colburn	7:410
Annie Cunningham Foster	8:537
Mabel Irene Fullerton	8:505
Verna Marguerite Herett	7:392
Ruth Hargreaves	8:374
Charles Wallace Hannah	7:477
Myrtle Lawrence	8:473
Jean Ation Leadbetter	8:541
Christeen Wilbur Moss	8:517
Mary Agnes MacDonald	8:455
Katie Athelia MacLeod	8:504
Jean Catherine MacLeod	7:350
Roddie MacDonald	8:427
Rod F. MacDonald	8:496
Wilford Wylie McPherson	7:370
John Vincent McPhee	8:414
Matthew Hislop Nicholson	8:448
Thomas William Noiles	7:423
Gladys Bradshaw Paul	8:529
Leida Sophia Ross	8:546
Arthur St. Clair Simpson	7:408
Eva May Silver	8:378
Harriett Adelaide Tabor	8:395
Florence Hazel Wallis	7:367
Mary Isabel Welton	8:465

Unsuccessful (XI, 0; X, 4; IX, 5).

STELLARTON—34 candidates).

XI. (6 candidates).

Edith Elizabeth Andrews	8:501
Olive Dolena Fraser	8:556
Alice Louise Boutilier	8:405
Leo MacLean	7:343
Mary Ann Cameron	7:374
Jean Gertrude Munro	8:435

X. (10 candidates).

Florence Ethel MacLennan	7:384
Gertrude Lillian MacKenzie	7:332
Dorothy Margaret Cameron	6:408
Wilfred McDonald	7:428

IX. (18 candidates).

Greta Muriel Gilroy (X)	7:282
Angus Bernard McGillivray (X)	7:354
Edward Leonard Bailie	7:579
Mary Ruth Reynolds	7:529
Thomas Stewart	7:443
Margaret Olla Shaw	7:521
Nellie Eunice MacKay	7:525
Cecil Gordon Fulton	7:430
Catherine William F. Munro	7:405
Gerald Randolph Gilroy	7:447
Helen Shaw Munro	7:452
John Marie McLean	7:389
Winnifred Edith Bowron	7:342
Mary Bernadette Cardiff	7:358

Mabel Gertrude MacFarlane	6:320	Edna Helen Power	6:404
James Raymond Thompson	7:407	Mabel Scott	7:351

Supplementary, (2 candidates).

IX. (38 candidates).

Unsuccessful (XI, 0; X, 4; IX, 4).

SAINT PETERS—(58 candidates).

XI. (3 candidates).

X. (15 candidates).

Clare Winifred Kyte (X)	7:294
Annie Chisholm MacKenzie	7:410
George Joseph Coffey	6:360
Charles William Mackenzie	7:406
John Angus Currie	7:387
Martin Henry Bushie	6:386
Alexandrina Ross	6:318
Margaret Sybil MacCuspic	7:344

IX. (40 candidates).

Roderick Holmes (XI)	7:296
Joseph Lindsay Currie (XI)	6:226
George Arnold Sampson (X)	6:291
Jean Vera MacCuish	8:453
George William O'Toole	7:395
James Calder	7:347
Donald James Ross	7:323
John MacLennan	6:362
Christina Katherine Matheson	7:344
Florence May MacLeod	7:329

LOWER STEWACKE—(74 candidates).

XI. (12 candidates).

Isaac Starrak Irving	7:522
Alice Irene Mitchell	7:445
Florence Mae V. Miller	7:379
Margaret Isabel Snide	7:363
Edith Catherine Lockhart	6:300
Neil Siedmann Fulton	6:426
Aubrey Claude Ashley	6:333

X. (24 candidates).

Susie Gertrude Logan (XI)	6:317
Jessie Beatrice Sutherland (XI)	6:261
Josie Bertha Geldart	6:457
John Cox Wickwire	8:486
Helen MacLeod Bowers	8:434
Janie Blanche Leck	7:456
Katie Mae Currie	7:335
Mary Lucinda Reid	6:352
John Rae McCleave	6:394
Ethel Marion Ross	6:440
Mildred Gertrude Wardrop	6:349
Mary Evelyn Wathen	6:367
Gladys Elizabeth Spares	6:408
Jessie Isabel Madill	6:343
Alice Constance Pooley	6:421

Edna Helen Power	6:404
Mabel Scott	7:351

Kathleen Isabel Pentz	7:348
Robert Borden Pollock	6:399
Cecil Roe MacDonald (XI)	6:356
Edna Helena McKinley (XI)	6:285
Florence Adele Greenough (X)	6:292
Beatrice Crouse	7:500
Alice Mary Gay	6:366
Lydia Jean Marshall	7:367
Beatrice May Lindsay	7:348
Kathleen Isabel Pentz	7:351
Adelaide Lawrence Caddell	8:382
Helen Currie Schofield	6:332
Dorothy Frances Marshall	7:340
Hilda Agnes Isenor	6:328
Irene Logan Madill	6:395

Unsuccessful, (XI, 1; X, 8; IX, 27).

SYDNEY—(259 candidates).

XII. (21 candidates).

Hilda MacKinnon	11:630
Ruth Irene Morrison	12:594
Mary Isabell Cameron	11:521
Andrew Dan Sutherland	9:526
Wilfrid James Jackson	13:928
Joseph MacInnis	12:609
Helen Marguerite Boyd	11:568
Isabel Frances Bayer	11:516
Florence Elder	11:614
Eliza Evangeline Harries	12:536
Franklin Avery Campbell	11:588
Pauline McKenna	11:665
Eric Wallace Macdonald	12:626
Leo Gorman McKenna	12:747
Joseph Patrick McCarthy	12:885
John Alexander Muir	11:695

XI. (48 candidates).

Ada Cameron MacDonald (XII)	11:478
Florence Belle Thompson (XII)	11:458
Amy Gertrude Nicholl (XII)	9:417
Nelsie Georgina Andrews	8:375
Elizabeth White Cameron	7:568
Ella MacDonald	7:327
Ethel Mae Stewart	8:416
Gladys Eva Glover	8:479
Adela Irene Duchemin	7:478
Margaret Anita Bannerman	9:691
Jessie Catherine McKenzie	8:453
Matilda Margaret Cameron	7:346
Dollena McLeod	8:440
Hilda Bezanson	8:377
Florence Craven	8:360
Catherine Gallagher	7:362
Elizabeth Irene Macaulay	7:344
Bertha Helen Sargeant	7:400
Sophia MacLeod	8:442
Gladys Densmore McGregor	8:506

Jessie Travis McAlpine	9:385
Mary McIsaac	7:379
Bessie McIsaac	7:336
Milton Jerome Rice	8:600
Frank Gordon Wilson	8:575
John Henry MacDonald	8:510
Daniel O'Rourke	8:592
Edward Alfred Bayer	8:424
Roy Bown	8:347
Christena Agnes MacDonald	8:421
Christine McKenzie	7:330
Mary Florence MacNeill	7:366
Mary Purcell	6:374
Michael Roderick Campbell	8:472
Angus MacLeod	7:384
Edward Danstrom	7:356

X. (87 candidates).

Irene McK. MacLeod (XII)	11:426
Minnie Maria Penny (XII)	10:378
Frances C. Nunn (XI)	7:290
Catherine Belle MacLeod (XI)	6:282
Mary Viola MacNeill (XI)	7:313
William Edmund Bown (XI)	8:324
Malcom John Macaulay (X)	8:338
Mary Alice Somers (XI)	7:330
Mary Alice Clark (XI)	7:296
Minnie MacKenzie	7:328
Lavinia Bright McCabe	8:383
Drusilla Elizabeth Cooper	9:526
Evelyn Louise Parmiter	8:380
Mary Bell Gillis	8:441
Christy Nicholson	6:400
Jennie Laura MacKinnon	8:413
Margaret McLeod	9:622
Jennie MacMillan	7:491
Marion Janet Smith	8:595
Helen Jean Bannerman	9:775
Elma Blanche Israel	8:581
Vera Helen Nicoll	8:428
Jennie Ellen Harkins	7:357
Della Caroline Harkins	7:394
Catherine Mary MacIsaac	7:339
Mary Dorothy Connolly	7:352
Annie Martena MacArthur	7:379
Mary Kennedy	7:364
Hannah Florence Russell	6:403
Nora Mary McCarthy	7:374
Margaret Ann McDonald	7:393
Catherine Ann McKenzie	7:355
Agnes Bernadetta MacAulay	7:457
Annie Mary Johnson	7:434
Victoria Evelena Robertson	7:357
Catharine Mabel MacCalder	6:478
Lewis Carlyle Campbell	8:374
Lawrence James Morrison	7:341
Katherine Frances Doyle	7:420
David Elman	8:532
Roy Bert Woodill	8:374
George William Curtis	8:459
Irving Abramson	9:705
Donald Samuel MacLean	8:452
Verna Florence Richardson	7:384
Mildred Eugene Konig	7:369

Effie Ann MacIntyre	7:304
Margaret Macaulay	8:494
Margaret Frances Blake	8:395
Myrtle Viola Trask	9:553
George Robert Cunningham	8:418
Jessie Mae MacRae	8:578
Edith Catherine MacRae	8:498
Nazila Azar	9:715
Dan Cornelius McPherson	6:436

IX. (103 candidates).

Murdena McDonald (XI)	7:266
Mary Jane Morrison (XI)	7:276
John Morrison (XI)	7:385
Richard Bernard Hayes (XI)	8:263
James Gillis (XI)	6:230
Francis Louis Vassallo (XI)	6:224
Ellen Theresa Nearing (XI)	7:235
Daniel Charles McEachen (XI)	7:218
Annie Sarah McKenzie (X)	9:317
Mary Ann Gillis (X)	8:346
Mary Agnes MacKenzie (X)	7:310
Annie Laurie Coffey (X)	6:299
Marion Cecilia Gough (X)	7:269
Margaret Ann MacKenzie (X)	7:272
Catharine Curry (X)	7:306
Caroline Mullins (X)	7:320
Thomas Bernard Murphy (X)	7:275
Gladys McGillivray (X)	7:280
Lillian Belle Watson (X)	7:331
Annie Myrtle Moreshead (X)	7:314
Muriel Elizabeth Muggah (X)	7:274
Bessie Eugene Whitman (X)	8:332
Agnes Isabel Curtis (X)	8:295
Annie Margaret Macintyre (X)	7:340
Sarah Margaret Walker (X)	7:316
Mary Janet Setchell	8:502
Dorothy Isabel Muggah	8:465
Alice May Howlett	8:587
Evelyn Lyall Dobson	8:438
John Lawrence Cann	8:510
Alexander Lundrigan	8:502
Frederick Petrie	8:357
John Percy Willetts	8:428
Frederick Roy James	7:364
Louis Nathanson	8:615
Amy MacQuarrie	8:489
Mary Teresa Curtis	7:369
Ada Isabel Rogers	8:525
Margaret MacDonald	7:411
George McKay Morrison	8:559
Thomas Lawrence Fogo	8:580
Blair Fraser Crowdis	8:554
Abraham Anthony Hashem	8:617
George Sanford Macdonald	8:562
John Robert Stevenson	8:413
Michael Leo MacNeil	8:412
Arthur John Moore	8:687
Alan Rolf MacKeen	7:383
Robert John McKinnon	8:472
Tom Mason MacDonald	7:380
Roy Des Barres Duchemin	8:502
Percy Peter Murphy	8:487
Jacob Bonavitzky	7:471



Rebecca McNeil	8:397
Mary Bell McKinnon	8:411
Corena Arsenault	8:383
Myrtle Martha Dolomont	8:467
Edna Melvin Warren	7:380

Unsuccessful (XI, 0; X, 10; IX, 6).

TATAMAGOUCHE—(71 candidates).

XI. (3 candidates).

Viola May Nelson	6:324
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X. (40 candidates).

Greta Kathryn Cox (XI)	6:293
Frances Ellen Stevenson (XI)	6:268
Mary Elizabeth MacDonald	6:328
Eva Annie Rand	6:305
Maud Dana McLellan	7:348
Jean Chalmers MacIntosh	6:375
Margaret Dean MacKay	6:370
Isabel Eleanor MacLanders	6:346
Annie Eliza Lombard	6:540
Annie Leota Henderson	6:443
John Wilfred Fisher Byers	6:425
Minnie Gertrude Aitchison	6:438
Annie Beatrice Forbes	6:335
Beatrice Langille	6:375
Charles Elwell Clark	6:360
Mabel Jean Roberts*	7:379
Lois May Weatherbee	6:380
Grace Hazel Millerd	7:345
Jean Ross	6:421

IX. (23 candidates).

Florence Antoinette Forbes	6:269
Kathryn Drysdale Johnson (X)	7:292
Lillian Jane MacPherson (X)	6:346
Viola May Tattrie (X)	6:272
Margaret Clark Tattrie (X)	6:262
Marjorie May Stevenson (X)	7:281
Nina Eldora Hayman (X)	6:248
Annie Irene Reid	6:252
Margaret MacKay Kennedy	6:303
Jessie Primrose Clark	7:389
Laura May Simpson	6:336
Jane Clark	6:338
Lolita May MacKay	7:395
Margaret Vera Dana	6:371
Marion Rachel Bonyman	6:360
Vida Maude Johnston	6:337
James Perley Upham	7:370
Emma Gertrude Clark	7:463
Hughie Mattatall	6:326
Belle Jean Murray	6:311
John William Cameron	6:398

Unsuccessful (XI, 0; X, 15; IX, 15).

TRURO—(156 candidates).

XII. (21 candidates).

Anna Cameron Starritt	9:697
Duncan Rudolph Innes	10:555
Jean Millett Walker	11:637
Bertha Clarice Moore	9:553
Effie Helena V. Stevens	10:570
Jean Marguerite Dunlap	10:591
Anna Jean Ross	11:634
Dorothy Creighton Black	11:782
Stella May Logan	10:749
Florence Myrtle Dickie	10:528
Donald Gordon Wilson	10:540
Jean Macdonald	11:738
William Clements Zinck	11:760
Elsie Waugh	11:679

XI. (32 candidates).

Nellie Verna Lewis (XII)	10:479
Anna Belle Rutherford	6:426
Charles Arthur Phillips	8:413
Mattie Ellen Fleming	6:312
John Burt Bishop	7:463
Evelyn Jane Cavanagh	6:305
Cyril Augustus Elliott	6:354
Annie Letitia Johnson	8:553
Jessie MacKenzie	6:356
Douglas Stevenson Wetmore	6:470
Joseph Cook Morrison	6:322
Paul Taylor McKay	6:397
Myrtle Priscilla MacMichael	6:371
Gladys Maie Lewis	8:598
William Kier Murray	7:331

X. (49 candidates).

Joseph Hunt (XII)	9:356
Hilda Marion Vaughan (XII)	8:433
James Wm. McDonald (XII)	8:373
Laurence Weslyn Yuill (XII)	11:446
Hugh McKay Ferguson (XII)	11:463
Laura Blanche Fulton (XII)	10:407
Verda May Staples (XI)	6:331
Maude Muriel Cole (XI)	7:289
Annie Marion Cox (XI)	7:318
Cora Alice Beaumont (XI)	6:269
Julia Marguerite McKenzie (XI)	7:310
Annie Marguerite Crowe (XI)	7:282
Joseph Ronald Norrie (XI)	7:307
Susie Green Bailey (XI)	7:285
Elizabeth L. MacCallum (XI)	7:316
Helen Margaret Cummings (XI)	6:263
Erna Eunice Johnson (XI)	7:291
Myrtle Vila MacLaren	7:415
Edith Irene Phillips	7:392
Dorothy Jean Hughes	6:417
Mabel Ethel Clarke	6:351
Ellen Trider Lindsay	8:511
Helen Elizabeth Pollock	7:342
Floyd Edith Creelman	6:395
Willa Berta Creelman	6:394
Iona Aileen Miller	8:380

George Outhit Eaton	8:499	Vileda Georgie Cavanagh	8:372
Rolfe George Munro	7:345	Gertrude Mabella Gorrie	6:389
Hazel Aileen Donkin	8:404		
George Robert Burriss	6:340	Supplementary, (4 candidates).	
Laura Marjorie Edwards	6:397		
Marjorie Elling Gustafson	6:367	Unsuccessful (XII, 0; XI, 0; X, 14;	
Viola Thornton Wilson	6:381	IX, 22).	
Hilda Mary Wright	7:450		
Margaret Gasper	6:414	UPPER STEWACKE—37 candida-	
Annie Cleta Wright	6:358	tes).	
Gladys Pratt	6:376		
Bessie May Loughead	6:375	XI. (12 candidates).	
Elizabeth Margaret MacLean	6:335		
Verna Georgie Dunn	6:353	Adam Dickie Fulton	7:403
Beatrice Evans	7:382	Kenneth Cox	7:444
Gertrude May Weeks	8:452	Winifred Elizabeth Conroy	6:367
Winnifred Eileen Roebuck	7:411		
Violet Annie Johnson	7:429		
Muriel Dickie Kent	8:563	X. (13 candidates).	
Lillie Olive Berry	7:357		
Dorothy Maie Dickie	8:402	Frances Ingleby Foster (XI)	7:317

## IX. (54 candidates).

Paul Johnson (XI)	7:212	Ethyl Logan (XI)	6:266
Muriel Joy Archibald (XI)	6:228	Dorothy Campbell Creelman (XI)	6:260
Hazel Jean Smith (XI)	6:303	Elsie Norma Stewart (XI)	6:326
Erna Jean Dowden (XI)	6:217	Emma Sophia Henry (XI)	6:243
Guy Boomer Stevens (XI)	6:300	Mary Emma Rhyno (XI)	6:291
Jessie Ena Rutherford (XI)	6:254	Olive Ada Blaikie	6:331
Lillian Maud Lockhart (XI)	6:203	Bessie Louise Archibald	6:310
Georgina Ellen MacDonald (X)	8:296	Christy Frances Grant	6:367
Vera Jane Kennedy (X)	7:324	Elsie Viola Starratt	6:403
Elizabeth Sophia Kennedy (X)	7:308	Laura Alice Bentley	6:340
May Elizabeth Goodwin (X)	7:317	Laura Jane Redmond	6:334
Harris Blanchard Anthony (X)	6:291	Ethel May Bentley	6:358
Mildred Leola MacLaren	7:390		
Mary Minerva Withrow	7:340	IX. (12 candidates).	
Clarence Addington Clarke	6:300	Elsie Pearl Fisher (XI)	6:334
Ethel Sadie Jean Gay	8:531	Mabel Frances Bentley (XI)	6:221
Margaret Frances McCurdy	6:347	Margaret Amelia Reynolds (XI)	6:273
Mary Malina Clark	7:435	Jean McQuarry Davidson (X)	6:284
Helen Banks Mosher	7:358	Marie Lenora Fulton	7:421
Agnes May McElmon	6:343	Ada Alice Reynolds	8:444
Jessie Margaret Withrow	7:402	Hilda Jane Foster	8:465
James Arthur Doane	8:428	Henry Martin Power	7:396
Edward England Dodson	8:486	Jean McLean Stewart	6:423
Hattie Beatrice Barnhill	6:351	Adams Elwood Fisher	6:311
John MacKay Hamilton	6:300	Unsuccessful, (XI, 0; X, 5; IX, 6).	
Sedgwick Boyd	6:380		
George Ernest Ryan	6:384	WALLACE—(28 candidates).	
Hector Murray Thomas	8:347		
Clara Louise MacLeod	7:360	XI. (9 candidates).	
Elva May Barnhill	6:321	Clara Webster Beattie	6:417
Lelia May Ryan	8:364	Eva Gertrude Beattie	6:405
Hazel Roberts McMullen	7:543	Edith Macfarlane	6:310
John MacLean Whidden	6:358	Jessie Drysdale	7:419
Nelson Burgess McLeod	8:452	Janet Carlyle	6:382
Hugh MacDonald Eaton	8:499		
William Moran	8:424	X. (8 candidates).	
Edith Rosanna Doane	8:563	Bertha Louise Johnson (XI)	6:297
Gladys Blackmore	8:413	Katherine Marie McIntosh (XI)	6:315
Meredith Irene Cavanagh	8:358	Wallace Bentley MacKenzie	6:470
Cyril Lyle Parks	6:308	Ethel Mary Cameron	6:868
Harold Alexander Weir	8:493	Elizabeth Blanche Purdy	6:337
Edith Mary Cox	7:334		



Laura Laurence Hickey 6:364  
Lydia Albertha Chambers 7:422

IX. (11 candidates).

James Trueman Canfield (XI) 6:237  
Byron Claude Edgett (XI) 6:248  
May Anderson MacIntosh (X) 6:275  
George Lombard Clark 6:342  
Sadie Jean MacIntosh 6:381  
Margaret Bythenia Moodie 6:317  
Hilda Elizabeth Purdy 6:308  
Elmer Russell McMullen 7:514  
Jennie Isabel Stevens 7:413  
Percy Raymond Drysdale 7:392  
Alma Francis Flinn 7:370  
Roberta Drysdale 7:400

Supplementary, (2 candidates).

Unsuccessful (XI, 0; X, 2; IX, 2).

WESTVILLE—60 candidates).

XI. (18 candidates).

Alfred Putnam Frame 8:550  
Miriam Violet McNairn 8:362  
Ruth Kathleen Chisholm 7:351  
Jessie MacGregor 7:359  
Esther Rachel Diamond 8:438  
Alberta Sutherland 8:365  
Ina Evelyn Wilson 8:364  
Carrie Estelle V. MacKenzie 6:315  
Annie Muir 7:353  
Jennie Christena MacKay 6:336  
Agnes Goode Maddin 7:357

X. (21 candidates).

Edna Maude MacLeod (XI) 7:354  
Viola Mary Sinclair (XI) 7:314  
Robert Magnus Fraser 7:334  
Elizabeth Irene Roy 8:548  
Estelle Jane Saunders 8:453  
Laura Jemima Munro 7:522  
Flossie Marguerite McKay 8:376  
Jessie Ann E. Ross 8:444  
Hugh Joseph MacMillan 8:517  
Dorothy Elizabeth Ross 7:476  
Mary Olive Maddin 7:534  
Catherine Jean D. Fraser 6:375  
Leola Alice Campbell 6:418  
Mary Alexandra McCunn 7:471  
Annie Irene Cameron 6:317  
Frederick MacDonald 7:510

IX. (21 candidates).

Bernard Chisholm (XI) 8:367  
Jean Matheson Munro (XI) 7:222  
Fergus William Ferguson (XI) 7:248  
Ella Mifflin Sexton (X) 7:286  
Alice Maude Workman (X) 8:356  
William Ackley Richardson 7:320  
James Dalgleish Burnett 8:345

Theodore Merrill Cumming 8:400  
Kathleen Redmond Gray 8:345  
Pauline Isabel Fraser 7:388  
Beatrice Thelma MacNeil 7:371  
Ernest William Fraser 7:355  
Ivy Mildred Maskrey 7:346  
Dolin Smith 7:340  
Christena Maude Balfour 6:337

Unsuccessful (XI, 1; X, 6; IX, 11).

WINDSOR—161 candidates).

XI. (23 candidates).

Mary Maria MacDougall 6:442  
Bessie Edna Mason 6:321  
Clara Beatrice Lockhart 6:316  
Mabel Leone Custance 6:326  
Laura Fisher Stoddard 6:336  
Clarence Norton Bissett 7:387  
Gladys Jean MacKinnon 7:447  
Winnie Rebecca Wood 6:393  
Laurence Milton Sommer 8:545  
Beatrice Burnhilda Burgess 7:443

X. (48 candidates).

Eunice Amanda Mason (XI) 6:278  
Hugh Murray Black (XI) 7:296  
Mary Adeline Saunders (XI) 6:248  
Arthur Marvin Dimock (XI) 6:301  
Sadie Alma Swinemer (XI) 6:271  
Avery Alfred Smith 7:449  
Eleanor Gertrude Blanchard 6:347  
Mona Edna Pratt 6:325  
Harry Percy Jenkins 6:309  
Madeline Florence Dill 6:328  
Thelma Grace Benedict 7:394  
Marguerite Mary Rosier 6:317  
Clyde Sheldon Fletcher 6:367  
Nora Bancroft Fleming 6:363  
Helen Gladys Smith 6:377  
Ronald Huestis Haley 7:404  
Nina Helen Bancroft 6:323  
Ethel Merle Murphy 6:361  
Annie Allison Cochrane 7:373  
Alice Muriel Grove 6:320  
Josephine Curry Sexton 7:387  
Florence Maud Morris 6:332  
Jessie Alice Rose 6:368  
Grace Mildred Vaughan 6:413  
Vera Victoria Card 6:305  
Innery Irene Demmings 6:313  
Viola Ethel MacDonald 6:338  
Ethel Florence Brison 6:392  
Lillian Carrie Johnston 6:389

IX. (90 candidates).

Florence Churchill Shand (XI) 6:228  
Warren Redvers Ettinger (XI) 6:356  
Hiram Smith Farquhar (XI) 6:239  
Marjorie Mabelle Graham (XI) 7:263  
Dorothy Yvonne Reid (XI) 7:230  
Dorothy Jean Dill (X) 7:277

George Martell Patterson (X)	6:285	Nina Beatrice Wickwire	6:305
Hugh John Elliott (X)	7:420	Helen Careita Young	6:325
Ida Frances Parsons (X)	6:272	Felice Evangeline Herbin	6:414
Gwendolyn Nerva Croft (X)	6:295	Jessie Evelyn W. Porter	6:319
Faye Russell Mosher (X)	6:299	Frederic George T. Herbin	7:457
Reta Mary McIvor (X)	6:297		
Elsie Alberta Knowles (X)	6:282		
Gladys Lydia Anne Carr (X)	7:306		
Myrtle Annie Sanford (X)	6:276		
Ruth Ursula Dunbar	6:338		
Gladys Ivy Demmings	6:357		
John Lloyd Wood	6:351		
Irene Florence Saunders	8:346		
Catherine Sutherland Grant	8:497		
Norman Russell Curry	7:414		
Clyde Fairfield Sanford	6:353		
Ervine Nash Sanford	6:302		
Alberta Elizabeth Blois	6:327		
James Winning	8:431		
Harvey Everett Lake	6:418		
Emma Stuart Caldwell	6:402		
Anna Laura Wood	7:365		
Helen Alberta MacPhee	7:400		
Nora Doreen Searle	8:433		
Charles Lawrence Roach	6:335		
Minnie Irene Barkhouse	6:327		
Sarah Eliza MacIvor	6:301		
Mary Helen Card	6:458		
Basil Ernst Demmings	6:365		
Reta Beulah Dunbrack	6:422		
Gertrude Maud Ratliff	6:335		
Annie Adelia Casey	7:351		
Chester Owen Sommer	6:312		
Evelyn Grace Macumber	6:326		
Helena Louise Miller	7:395		
Ola Beatrice Crowell	6:423		
Marion Elfrieda MacDougall	7:573		
Ruth Evelyn Lochart	6:344		
Anna Edith Spence	6:335		
Minna Elizabeth Johnson	7:319		
Ruth Irene Rockwell	6:366		

Supplementary, (3 candidates).

Unsuccessful, (XI, 1; X, 15; IX, 37).

#### WOLFVILLE—41 candidates).

XI. (5 candidates).

Marjorie Allison Wickwire	6:392
Hulbert Hartt Schurman	6:307
Lillian Mae Borden	6:316

X. (18 candidates).

Helen Estelle Schurman (XI)	6:287
Edna Minetta Brown	6:315
Bessie Ermina Coldwell	6:301
Margaret Letitia Ford	6:447
Gladys May Jones	6:367
Margarita Joy Cutten	6:380
Mildred Beatrice Pick	6:355
Muriel Iwalda Kennedy	6:348
Muriel Gertrude Angus	6:385

Nina Beatrice Wickwire	6:305
Helen Careita Young	6:325
Felice Evangeline Herbin	6:414
Jessie Evelyn W. Porter	6:319
Frederic George T. Herbin	7:457

IX. (18 candidates).

Rie Leslie Fry (XI)	5:232
Marcia Earle Calkin (X)	6:258
Ruth MacIntyre Morrison (X)	7:315
Daniel Jonathan Coldwell, Jr.	6:387
Verna May Westcott	6:308
Mary Metcalf Patriquin	6:442
Cora Evelyn Beattie	6:371
Hilda Beatrice Johnson	6:369
Carrie Agnes Baker	6:375
Dorothy Creighton Mitchell	6:458
Annie Murray Stewart	6:378
Evelyn Marie Duncanson	6:423
Marion Florence Redden	6:377
William Allen Parker	6:474
Madge Lylean Pratt	6:330
Alice Jennie Palmeter	7:337
Hilda Palmeter Eagles	8:457
Addie Alilee Mason	6:331

Supplementary, (4 candidates).

Unsuccessful, (XI, 0; X, 3; IX, 3).

WOODS HARBOR—(23 candidates).

XII. (1 candidate).

Vera Gould Goreham 10:457

XI. (1 candidate).

Mabel Evangeline Kendrick 6:387

X. (12 candidates).

Lizzie Racheal Goldberg	7:429
Helen Crowell Smith	6:367
Mamie Alberta Nickerson	7:450
David Arthur G. Smith	6:399
Sarah Ruben Lyons	6:413
Nema Gertrude Goreham	6:412

IX. (9 candidates).

Lila Eleanor Brannen (X)	6:399
Israel Isaac Goldberg (X)	6:268
Laura Winona Goreham	6:384
Effie Bernice Young	6:386
Juanita Gould Nickerson	7:466
Etta Rowena Crowell	6:336
Enos Glendon Nickerson	6:360

Supplementary, (1 candidate).

Unsuccessful (XII, 0; XI, 0; X, 4; IX, 4).

YARMOUTH—(137 candidates).

XII. (6 candidates).

Lila Corning Porter	10:500
Hilda Gertrude Simms	10:823
Marion Williams Hilton	10:571
Mary Wyman	9:541
Andrew Leo Doucette	10:583

XI. (20 candidates).

Alice Gertrude Crosby	6:350
Henry Mitchell DeWolfe	8:518
Edwin Van Noorden Porter	8:526
Maurice Levine	8:414
Frederick Ross Pitman	7:421
Paul William Wainger	8:566
Jessie Maud Pitman	7:374
Henrietta Beveridge Herkes	7:407
Lorette Francoise D'Eon	6:375
Smith Albert Hilton	7:379
Alton Ford Crowell	6:366

X. (52 candidates).

Camille Pierre Pothier (XII)	11:344
Pierre Gabriel Surette (XI)	6:252
Mary Beatrice Bourque (XI)	6:314
Evelyn Hope Crowell (XI)	6:267
Walter Scott (XI)	7:292
Madelyn Grace Guest	6:340
Jessie Theodosia Wallis	7:499
Sadie Lovitt Winter	7:355
Jennie Churchill Allen	6:354
Wilma Hester Allen	7:371
Thomas Oliver DeWolfe	6:374
Annie Maude Pippy	6:310
Clarke Moore Killam	8:502
John Knarston Taylor	8:454
Winslow Edwin Cann	8:405
Hugh Edgar Kelly	8:622
Pierre Scott	8:594
Douglas Crosby Wyman	8:532
Murray Baxter Farnham	8:559
Arthur Raymond Hopkins	8:515
Lewis Evans Rodney	7:405
Amy Vivian Hatfield	6:355
Mary Catherine Bourque	7:336
Catherine Mary Pothier	6:392
Florence Murray Pothier	6:334
Jean McPherson Porter	7:389
Jean Frances Sidmore	6:391
Ethel Geraldine Moses	6:422
Anne Rita d'Entremont	6:379
Mary Harriet J. Pitman	6:310
Annie Marguerite Amirault	6:346

Alda Irene Marshall	6:337
Lillian Maude Raynard	6:441
Marguerite Louise Perry	6:323
Hattie Winnifred Holmes	6:407
Hattie Ellenwood Gates	6:376
Mary Ethel Hamilton	6:433

IX. (58 candidates).

Jean Margaret Godfrey (XI)	7:275
Edith Ryerson Fleet (XI)	7:257
Narcisse Laurent Pothier (XI)	6:287
Elizabeth Grace Ricker (XI)	6:189
Thomas Donald Perry (XI)	6:185
Katherine Elizabeth Long (X)	7:312
Margaret Mary Adams (X)	7:320
Regina Frances Comeau (X)	7:328
Hubert Tilley Longergan (X)	8:460
Dorothy Maude Porter (X)	6:265
Helen Ora Pierce (X)	6:308
Russell Byrns Curry (X)	6:293
Nellie Margaret Travis (X)	6:275
Kathleen Frances Reeves (X)	6:260
Floretta Catherine Pothier	7:408
Augusta May Pothier	7:373
Lillian Annie Pothier	7:370
Vera Ledford Graham	8:446
Hilda Deane Annis	7:330
Lena Maud Eldridge	6:352
Lottie Perry Sidmore	6:301
Florence Amanda Gavel	6:367
Lois Mildred Gavel	6:347
Irmine Apolline d'Entremont	6:432
Kathryn Ladd	7:411
Gwendolyn Lovitt Utley	8:339
Emily Porter	8:507
Mary Frances Saulnier	8:348
Marguerite Rose Saulnier	8:434
Annie Frances Mackinlay	7:390
Mary Isabelle McLaughlin	7:324
Leta May Kelley	7:356
Kathleen Mary Maloney	8:448
Alfretta Louise Berry	8:359
Loretta Mary Pottier	7:356
Frederick Raymond LeBlanc	7:366
Eric Blanchard Allen	7:413
George Murray L. Hatfield	8:487
Edgar Alden Geele	8:406
James Malcolm Horton	7:387
Chester Harvey Rogers	8:444
Esther Mae Hall	7:387

Supplementary, (4 candidates).

Unsuccessful (XII, 0; XI, 0; X, 11; IX, 31).

## PASS LIST, 1917.

### UNIVERSITY GRADUATES TESTING EXAMINATION.

*(For Syllabus, see pages 266-274, Journal of Education, Oct. 1915).*

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- No. 5. Elizabeth MacWhinnie, B. A. (Acad.)
  - No. 6. Arthur Gordon Melvin, B. A. (Dal.)
  - No. 7. Herbert Bradford Vickery, B. Sc. (Dal.)

#### Partial.

Herbert Bradford Vickery, passed in Chemistry Major, Chemistry Minor, English Minor, French Minor, German Minor, Mathematics Minor, Geology Minor, Physics Minor. (Final).

- John Patrick Martin, passed in English Minor.
- Velma Jane Moore, passed in Latin Minor.
- Kate Morrison, passed in French Minor.
- Janet Barbara Wolfe, passed in French Minor.

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List to date of those who qualified for Academic License by passing the University Graduates Testing Examination.

1911.

- No. 1. Howard Dayne Brunt, B. A. (Dal.), Ph. D. (Jena.)

1914.

- No. 2. Hugh Philip Bell, M. Sc. (Dal.)

1915.

- No. 3. Charles Albert Oulton, M. A. (Harv.)

1916.

- No. 4. John Park MacQueen, B. A. (Dal.)

1917.

- No. 5. Elizabeth MacWhinnie, B. A. (Acad.)
- No. 6. Arthur Gordon Melvin, B. A. (Dal.)
- No. 7. Herbert Bradford Vickery, B. Sc. (Dal.)

PASS LIST, 1917.

TEACHERS' PROVINCIAL EXAMINATIONS.

MINIMUM PROFESSIONAL QUALIFICATION.

(See Comments and Regulations of the Council of Public Instruction, "Licensing of Teachers," and Reg. 116, page 86, *Journal of Education*, April, 1916).

ADVOCATE. (3 candidates).

Charlotte MacLaughlin Second Rank.  
Lottie Margaret Allen Third Rank.

Mary Patricia Ryan Third Rank.

Colin Francis McIsaac "  
William P. DeCoste "  
Catherine Victoria Campbell "

AMHERST—(20 candidates).

Inez Jeanette Fillmore Second Rank.  
Gerogina Rebecca Ripley Third Rank.

Elizabeth Charlotte Anderson "  
Cecilia Chisholm "  
Sadie Isabel McIsaac "

Ruth Bertha Smith "  
Vina Mary Mills "

Mary Agnes Dunn "  
Annie Catherine Kennedy "  
Lola Helen Greene "

Jessie Kathryn Thompson "  
Pearl Martha Trerice "

Helen Louise Holland "  
Eva Katherine Fogarty "  
Mollie Margaret Ormond "

Elsie May Bond "  
Mary Clarissa Etter "

Mary Alexina Cameron "  
Anna Teresa Stewart "  
Rose Mary McAdam "

Nettie Margaret MacKenzie "  
Evelyn Verlie M. Chapman "

Margaret McDonald "  
Marie MacDonald "  
Helen Mary McMillan "

Mary Elizabeth Doncaster "  
Sara Elizabeth Lavers "

Mary McNeil "  
Grace Marguerite DeCoffe "  
Mary Grace MacNaughton "

Gladys Susie Hunter "  
Carrie Alberta Smith "

Rita McNeil "  
Katherine McDonald "

ANNAPOLIS—(8 candidates).

Zaidee T. Horsfall Second Rank.  
Lucy Hall Longmin Third Rank.

ARICHAT—(4 candidates).

Anna Eugenia Robertson Third Rank.  
Lottie Margaret C. Latimer "

Alice Olive Armstrong "  
Hattie Hilda Harnish "

BARRINGTON—(12 candidates).

Jennie Leonora Hitchins Third Rank.  
Ruth Josephine Hopkins "

ANTIGONISH—(56 candidates).

James Edward MacArthur First Rank.  
Mark Edward Murphy "

Elizabeth Enid Farrell "  
Buelah Muriel Van Amburg "  
Mary Edith Hayden "

James William MacNeil Second Rank.  
James William Chisholm "

Bertha Freda Christie "  
Norma Mae Hitchens "  
Verna Isabelle Reynolds "

Annie MacEachern "  
Roberta MacDonald "

Vera Ethel Snow "  
Harold Alphonse Larkin "

Catherine Hannah Hogan "  
Mary Gertrude McIsaac "

BADDECK—(23 candidates).

Murray Wm. McDonald Third Rank.  
Armenia Harriet Rice "

Dolena Catherine McLeod	Third Rank.	Mary Eileen Prince	Third Rank.
Margaret Elizabeth McLeod	"	Mary Hester Young	"
Clara Eleanor Daye	"	Muriel Josephine Miller	"
Archibald Neil McIvor	"	Ida May Poole	"
Annie McIvor	"	BRIDGEWATER—(27 candidates).	
Herbert Kitchener McCharles	"	Mona Thompson	Second Rank.
Jessie Robena MacDonald	"	Cora Alexandra Wile	"
Mary Elizabeth MacKenzie	"	Hazel Annie Selig	"
Katherine Margaret Fraser	"	Grace Aileen Cook	Third Rank.
Ruby Lillian MacRae	"	Princess Victoria Turner	"
Georgie C. MacRae	"	Max Leo Baker	"
Ida Elizabeth Wright	"	Elfreda Mary Wile	"
Nellie MacMillan	"	Alice Elizabeth Hirtle	"
Mabel Fraser	"	Hazel Geneva Sperry	"
John Malcolm McNeil	"	Mary Alexandra Hirtle	"
Eliza Blanche Macdonald	"	Lois Janetta V. Wagner	"
Susie Morrison	"	Jennie Lee Wentzell	"
Dolena Christina MacLeod	"	Emily Catherine Baker	"
Henrietta Mary MacIver	"	Mary Matilda Corkum	"
BEAR RIVER—(20 candidates).		Emma Cecilia Thompson	"
Ethel Marguerite Hubley	Third Rank.	CALEDONIA—(10 candidates).	
Louise Lockwood Purdy	"	Lois Jean Baker	Third Rank.
Ethel Bernice Woodworth	"	Margaret Jean MacQuarrie	"
Voorheis Morse Ditmars	"	Vera Rowena DeLong	"
Bernice Edith Rogers	"	Naomi Beatrice Chute	"
Mildred Roberts Harris	"	Mary Dutt Zwicker	"
June Sophia Schmidt	"	Edith Irene Freeman	"
Hildred Alice Harris	"	Muriel Del Plaine Parker	"
Edna Gertrude Peck	"	Annie Mae Parker	"
Harold DeMille Ward	"	CANNING—(11 candidates).	
Winnifred Parker Chute	"	Stella Evelyn Graves	Second Rank.
May Irene Ruggles	"	Margaret Odilia Weaver	"
Phyllis Evelyn Mallette	"	Violet Ruth Mullett	"
Hilda Marie Chute	"	Ethel Jane DeWitt	Third Rank.
Bessie Hylda Wright	"	Mildred Viola Porter	"
Hazel Louise DeForest	"	Alice Meriam Jess	"
BERWICK—(18 candidates).		Ruby Viola Newcombe	"
Mary Lena Fisher	Second Rank.	CANISO—(5 candidates).	
Etta Mate Hale	Third Rank.	Jessie Mary Lukeman	Third Rank.
Lillian Alberta Marshall	"	Lillian Teresa Strahan	"
Frances ElRoy Calkin	"	Jessie Mildred Swaine	"
Mary Elizabeth Webster	"	CLARK'S HARBOR—(2 candidates).	
William Gordon Woollard	"	Helen Felicia Nickerson	Third Rank.
Hazel Mae White	"	Deborah Drusilla Smith	"
Florence Cecelia Hale	"	CHESTER—(33 candidates).	
Mildred Lorena Wood	"	Lola Eulalia Corkum	Second Rank.
Parne Barteaux Graves	"	Ruby Florence Corkum	"
Annie Augusta Morton	"	Pearl Laurence Conrad	Third Rank.
Pauline Page Pineo	"	Ruby Sophia Evans	"
Jean Ethel Woollard	"	Bessie Pauline Hume	"
BRIDGETOWN—(18 candidates).		Edna Bernice Zinck	"
Sara Elizabeth Longley	First Rank.	Nellie Free love Stevens	"
Laura G. Cameron	Second Rank.	Owen Lewis Croft	"
Harold Borden Fraser	Third Rank.	Ruth Irene Wynacht	"
Kathryn Cameron Fraser	"		
Nellie Harlow Walker	"		
Lena Beatrice Foster	"		
Herbert Archibald Henson	"		
Helen Doane Piggott	"		
Donald Hector MacPherson	"		

Thelma Grace Oxner Third Rank.  
 Theora Chester Corkum "  
 Nina Selley Meister "  
 Zelma Taletta Young "  
 Evelyn Matilda Publicover "  
 Hazel Jean Rafuse "  
 Blanche Elizabeth Butler "  
 Muriel Laura Oxner "  
 Virginia Pearle Courtway "  
 Kathleen Marguerite Baylan "  
 Olive Irene Publicover "  
 Hilda Pearle Coolen "

CHURCH POINT—(2 candidates).

Mabelle Sarah Comeau Third Rank.

DIGBY—(6 candidates).

Mabel Maud Sabean Third Rank.  
 Daisy Hope Emery "  
 Hertha Edith Balsler "  
 Beaulah Maria Steadman "

EAST RIVER, ST. MARY'S—(3 candidates).

Jessie Laura Campbell Third Rank.

FREEPORT—(4 candidates).

Velma Una Shortliffe Third Rank.  
 Florence Evelyn Outhouse "

GLACE BAY—(14 candidates).

Jessie Campbell First Rank.  
 Beatrice Irene Penny "  
 Ellen Simpson Leach "  
 Katherine McNeil Second Rank.  
 Isabel McAulay Orr "  
 Laura May Boutilier "  
 Dora Leslie Spencer Third Rank.  
 Dora Edna Peach "  
 Mary Margaret McVicar "  
 Josephine Marie Blanik "  
 Eva Mary Harvie "  
 Annie Holmes Phillips "

GREAT VILLAGE—(16 candidates).

Elizabeth Jean Hegan Second Rank.  
 Janie Rebecca Rutherford Third Rank.  
 Greta Elizabeth McNutt "  
 Jessie Blair Wyllie "  
 Mamie Alma Robinson "  
 Lillian Amelia Lindsay "  
 Martha Morrison Peppard "  
 Geneva Gwendolyn Fisher "  
 Christina Pearl Davison "  
 Sadie Suttis "

GUYSBORO—(10 candidates).

Eva Martha Scott Third Rank.  
 Carrie Lavina Stropole "

Mabel Anna MacKenzie Third Rank.  
 Catherine Josephine Kelly "  
 Eva Leona Myers "  
 Hattie Belle Graham "  
 Laura Augusta Collahan "

HALIFAX—(30 candidates).

Benedict McC. Matheson First Rank.  
 Catherine C. Colquhoun Second Rank.  
 Kathleen Emma Allen Third Rank.  
 Ernest Currie Pace "  
 Irva May Webber "  
 Kathleen Ruth O'Regan "  
 Grace Marguerite Baker "  
 Nora Ethel Gates "  
 Ola Evelyn Mosher "  
 Laura Adelaide Siteman "  
 Ella Rebecca Siteman "  
 Olive Letitia Parker "  
 Ina Vivian Blaxland "  
 Ray Elizabeth Pace "  
 Bertha Elizabeth Garrison "  
 Hazel Isabel McLachlan "  
 Beatrice M. Jane Conrod "

HALIFAX—(Bloomfield) (3 candidates).

Agnes Marion Murray Second Rank.  
 Winifred May Kidston Third Rank.  
 Lucy Lily Kravis "

HALIFAX (Rockingham).  
 24 (candidates).

Mary Elizabeth Costello Acad. Rank.  
 Marion Eleanor Hartigan "  
 Angela Imelda Kelly "  
 Anna Marie Magee "  
 Mary Blanche McDonald "  
 Mary Boyle "  
 Murilla Devoreaux "  
 Margaret Kennedy "  
 Frances J. Mahon "  
 Alma A. Miles "  
 Mary Isabel Hackey "  
 Irene McGuinness Superior First.  
 Marion Frances Scanlon "  
 Marie de Chantel Brown First Rank.  
 Geraldine Elizabeth Horne "  
 Mary Kennedy "  
 Agatha Doyle "  
 Annie Graham "  
 Mary Ann Bond Second Rank.  
 Matilda McNeil "  
 Anna Katherine Smith Third Rank.  
 Louise E. Melanson "  
 Annie Elaire Dwyer "

HANTSPOURT—(3 candidates).

Ethel Henderson Second Rank.  
 Peter Love Walker Third Rank.  
 Kathryn C. MacLatchey "

INVERNESS—(15 candidates).

Janet Hazel Campbell	Second Rank.
Ethel Maude Phillips	"
Minnie Margaret MacKay	"
Marjorie MacEachern	"
Annie Jane MacLean	Third Rank.
Dan Hugh Nicholson	"
Sara MacFarlane	"
Anna May MacEachern	"
Anna Elizabeth MacDonald	"
Mary Helen Lord	"

JOGGIN MINES—(7 candidates).

Ethel Gladys Walker	Second Rank.
Helen Louise Clarke	"
Helen Elizabeth Pugsley	Third Rank.
Georgia Frances Ripley	"
Myrtle Agatha Devine	"
Elmer Frances O'Regan	"

KENTVILLE—(8 candidates).

Ruth Edwina Woodworth	First Rank.
May Leontine Chase	"
Evelyn Reta Forsythe	Second Rank.
Evorna Viola English	Third Rank.
Gertrude Alice Frail	"
Evelyn Isabel W. Seaboyer	"

LIVERPOOL—(23 candidates).

Gladys Marie Hartlen	Third Rank.
Mary Ellen Fraser	"
Linda Eloise Atkins	"
Mary Doris Atkins	"
Dorothy May Anthony	"
Helen Catherine Lennox	"
Muriel Annetta Hunt	"
Ethel Victoria Corkum	"
Lillian May Parks	"
Bernice Marguerite Forbes	"
Janet Beryl Reinhardt	"
Ethelwyn M. (Bird) Padmore	"
Mary Matilda Hicks	"

LOCKEPORT—(14 candidates).

Ivy Victoria Smith	Third Rank.
Minnie Gladys McIntosh	"
Florence MacKenzie	"
Sarah Eliza Townshend	"
Eva Bessie MacKay	"
Jessie Beatrice Shupe	"
Violet Teresa Seaboyer	"
Muriel MacKay	"
Florence Freda Williams	"

LOUISBURG—(2 candidates).

Mary Ellen Walsh	Third Rank.
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LUNENBURG—(46 candidates).

Millie Sara Baker	Second Rank.
Doris Mary Holder	Third Rank.

George Fenwick Heckman Third Rank.

Lela Ione Herman	"
Leah Beryl Maxner	"
Hilda Gertrude Corkum	"
Hilma June Falkenham	"
Harry James Knickle	"
Mildred Louise Romkey	"
Pearl Violet J. Publicover	"
Muriel Alice Zinck	"
Evelyn May Daurie	"
Hazel Marguerite Smith	"
Bernice Arlene Sproule	"
Florence Jane Zwicker	"
Daisy Myrtle R. Petrie	"
Fred Willard Winters	"
Lucy Jane Macdonald	"
Thomas Guy Walters	"
Florence Maude Eisnor	"
Frances May Tanner	"
Minnie Alberta Young	"
Frances Maude Young	"
Jean Florence Smith	"
Darrell Daisy A. Mason	"
Charles Samuel Maxner	"
Leone Matilda Tanner	"
Jennie Luetta Tanner	"
Greta Amelia Conrad	"
Amy Louise Rafuse	"
Douglas Alvin Conrad	"
Maud Eveline Myra	"
Nellie Edwina Jodrey	"
Ella May Zinck	"
Grace Marion Richard	"

MAHONE BAY—(32 candidates).

Clarice Audry Zink	Third Rank.
Belle Elizabeth Ernst	"
Amy Matilda Zink	"
Mabel Blanche Wile	"
Constance Angelina Zwicker	"
Glennie Etoil M. Ernst	"
Muriel Eliza D. Hiltz	"
Annie Beatrice Veinotte	"
Vera Kathleen Mader	"
Pearle Leita Broome	"
Mabel Adelia Wentzell	"
Daisy Belle Rhodenizer	"
Leila Beatrice Jollymore	"
Olive Pearl Keddy	"
Grace Evelena Whynot	"
Joy Ida Hamilton	"
Ruth Evelyn Wile	"
Hannah Selena Strum	"
Erema Edna Hirtle	"

MAITLAND—(10 candidates).

Hildred Vivian Creelman	Third Rank.
Bertha Graham	"
Lura Eleanor Geddis	"
Gertrude Isabella Woodworth	"
Mabel Evelyn MacCulloch	"
Elizabeth Ellen Laffin	"
Ruby Laffin	"



MARGAREE FORKS—(5 candidates)

Annie Jane McDougal Third Rank.  
William Bernard A. McLellan "

METEGHAN—(3 candidates).

Laura Hilda Hogan Third Rank.

MIDDLETON—(15 candidates).

Annie Grace Palmer Second Rank.  
Pearl Melinda Parker "  
Olive Irene Banks Third Rank.  
Mabel Coralie Brown "  
Irene Vivian Jackson "  
Elsie Pearl Bruce "  
Charles Parker Stronach "  
George Lamont Stronach "  
Evelyn Ida Smith "  
Addie Isabella Fritz "  
Ethel Maude Stevenson "

MIDDLE MUSQUODOBOIT.  
(11 candidates).

Anna May Dechman Third Rank.  
Annabel Hamilton "  
Ada Helen Henry "  
Florence Mary Stewart "  
Melissa Fraser "  
Hazel Vance Miller "  
Blanche Isabelle Logan "  
Catherine Jane Logan "  
Doris Erskine "  
Mary Gammel Chaplin "

NEW GLASGOW—(12 candidates).

Margaret G. Huddart Third Rank.  
Janet Agnes Chisholm "  
Rena May McDonald "  
Tena Jessie Ross "  
Mary Agnes Reeves "  
Bessie Edith McDonald "  
Elizabeth Chisholm "  
Dorothy Victoria Bowman "  
Helen Ethel Phinney "  
Wilma Evelyn Phinney "  
Vera Evelyn Cameron "  
Jessie Ann Chisholm "

NEW WATERFORD—(3 candidates).

Gertrude Lillian Murphy First Rank.  
Marjorie Christena McPhee "

NORTH SYDNEY—(12 candidates)

John Fraser Morrison Third Rank.  
William Boyd MacOdrum "  
Elizabeth Ann MacKinnon "  
Mary Sarah McDonald "  
Hannah Jane McLeod "  
Theresa Farrell "

OXFORD—(20 candidates).

Grace Kathleen Brownell Third Rank.  
Estella Victoria McDougal "  
Matilda Katherine Black "  
Beryl Lenore Thompson "  
Myra Francis Gordon "  
Helen Ola Belle Stewart "  
Belle Marie Siddall "  
Janie Andrews McCabe "  
Thelma Grace Roblee "  
Letitia Lorna Moore "  
Nellie Gwendolyn Johnson "  
Pressie Augusta Thompson "  
Clara May Patterson "  
Gladys Rave Cove "  
Myrtle Winnifred Halliday "  
Verna Stella McCormick "  
Leona Gladys Coates "  
May Belle Coates "

PARRSBORO—(31 candidates).

Reta Jeanetta Graham Second Rank.  
Cora May Williger "  
Myrtle Erma Gilbert "  
Minnie Myrtle Durning Third Rank.  
Otto Glendon Parsons "  
Edna Louise Fullerton "  
Gussie Geraldine Brown "  
Eliza May Lewis "  
Salome Arletta Morrison "  
Alice Gilberta Rutherford "  
Myrtle Irene Sencabough "  
Laura Isabel Davison "  
Mabel Louise Davis "  
Blanche Margaret Davies "  
Violet Regina Brown "  
Mary Hazel Kelso "  
Mabel Gertrude Lambe "  
Frances Katherine Roberts "  
Leonora Mae Patterson "

PICTOU—(28 candidates).

John Murdoch Fraser Second Rank.  
Margaret M. MacWilliam Third Rank.  
Robert Dickson Roach "  
Gladys Lena Huggan "  
Elmer Herbert Murdoch "  
Annabel Maxwell "  
Annie Catherine Sutherland "  
Olive Reid "  
Muriel Cameron "  
Lelia Catherine MacKay "  
Clara Gertrude MacKay "  
Jean Blackwood Dick "  
Marion Drummond MacCunn "  
Marguerite Crockett "  
Elsie Mary Harris "  
Edna Hazel MacKenzie "  
Elizabeth Stalker Cameron "  
Florence Marguerite Kenny "  
Catherine Margaret Mackay "  
Eleanor Elizabeth Gammon "  
Mabel Angeline Gunn "

Georgie Anna Mackay Third Rank.  
 Florence Anne McDonald "  
 Ella May MacKenzie "

## PORT HAWKESBURY.

Annie Belle MacKichan First Rank.  
 Helen Edith Joncas Second Rank.  
 Margaret J. MacKinnon Third Rank.  
 Esther Lilian MacKichan "  
 Ruby Grace Hennesey "  
 Margaret Sarah Cameron "  
 Barbara Anne MacRae "  
 Eliza Veronica Meagher "  
 Katie S. F. MacQuarrie "  
 Mary Jane MacCormick "  
 Mary Margaret MacIntosh "  
 Mary Catherine McEachern "  
 Florence McIntyre "  
 Rena Annie Oliver "

## PORT HOOD---(9 candidates).

Carrie Ann Tobin Third Rank.  
 Mary MacLennan "  
 Margaret MacMaster "  
 Annie Catherine Beaton "  
 Mary Ann McLellan "  
 Isabel MacDonald "  
 Margaret May Graham "

## PUGWASH---(8 candidates).

Laura Marguerite Clark Third Rank.  
 Emma Gertrude Hunter "  
 Lavenia Millicent V. Colburn "  
 Myrtle Josephine DeWolfe "  
 Ethel Lola Marshall "  
 Ethel Victoria Williams "

## RIVER JOHN---(7 candidates).

Edith Catherine Skillin Second Rank.  
 Ethel Annie M. MacKay "  
 Janetta Marjorie Henry Third Rank.  
 Dorothea Ernesteen Langille "  
 Vera Joanna Bigney "  
 Percy Mack Bigney "  
 Florence Henry "

## SHEET HARBOR---(10 candidates).

Flora Theresa Fraser Third Rank.  
 Effie Viola Rutledge "  
 Esmeralda Hilchie "  
 Lucy Katherine Smith "  
 Vivian Cecilia Gammon "  
 Nellie Fenton Clattenburg "  
 Boulah Marjorie Beaver "  
 Edith Margaret James "

## SHEL BURNE---(9 candidates).

Alberta Cornelia Bower Third Rank.  
 Myra Amelia Seaboyer "  
 Amanda Borden Hardy "  
 Grace Helena Jones "  
 Dorothy Agatha Morton "  
 Ida Clara Luella McKay "

## SHERBROOKE---(7 candidates).

Mary Frances O'Hara Second Rank.  
 William Archibald Mason Third Rank.  
 Beatrice Margaret W. Ashton "

## SPRINGHILL---(21 candidates).

Hughena Röss Beaton Second Rank.  
 Edith Alma Embree "  
 Jane Lysaght "  
 Winnifred Grace Wilson "  
 Olwen Gertrude Jones "  
 Marion Fraser Williams "  
 Mary Ann Allbon Third Rank.  
 Ella Mabel Corkum "  
 Vivienne Thelma Embree "  
 Emma Mae Foster "  
 Nellie Odessa King "  
 Jewell Murdena B. Murray "  
 Martha MacIsaac "  
 Sadie Batist "  
 Leonce Susan Cove "  
 Lila Paul "  
 Laura Sarah Roney "  
 Cora Rae Schurman "  
 Vera Maud Terris "  
 Hazel Areta Wilson "

## STELLARTON---(7 candidates)

Annie Daveda Porter Second Rank.  
 Sophia Jean MacKay "  
 Edith Elizabeth Andrews Third Rank.  
 Alice Louise Boutillier "  
 Jean Gertrude Munro "  
 Gertrude Lillian MacKenzie "

## STAINT PETERS---(5 candidates).

Catherine S. MacInnis Third Rank.  
 Neil Gladstone MacKenzie "  
 Amy Louise MacKenzie "

## LOWER STEWACKE.

(5 candidates).

Edith Catherine Lockhart Third Rank.  
 Aubrey Claude Ashley "  
 Mayme Doratheia Spares "

## SYDNEY---(53 candidates).

Irene MacK. MacLeod First Rank.  
 Hilda MacKinnon Second Rank.  
 Amy Gertrude Nicoll "  
 Sady O'Keefe "  
 Mildred Mullins "  
 Christine MacKenzie "  
 Ella MacDonald Third Rank.  
 Frances C. Nunn "  
 Jessie Catherine MacKenzie "  
 Matilda Margaret Cameron "  
 Catherine Gallagher "  
 Elizabeth Irene Macaulay "  
 Mary Jane Morrison "  
 Mary McIsaac "  
 Christena Agnes MacDonald "  
 Mary Florence MacNeill "

Ellen Theresa Nearing	"	WALLACE—(5 candidates).
Mary Alice Somers	"	
Mary Alice Clark	"	Bertha Louise Johnson Third Rank.
Rita Baker	"	Britta Canfield "
Mary Bell Gillis	"	Victoria Louise Alice Reid "
Christy Nicholson	"	Marjorie Gould Robertson "
Marion Johnston	"	Annie Rebecca Scott "

Jennie Ellen Harkins	"	WESTVILLE—(13 candidates).
Della Caroline Harkins	"	
Mary Agnes MacKenzie	"	Catherine M. Baillie First Rank.
Mary Ann McDougall	"	Robert Magnus Fraser Third Rank.
Nora Mary McCarthy	"	Fergus William Ferguson "
Margaret Ann McDonald	"	Christine Esther MacPherson "
Catherine Ann MacKenzie	"	Laura Jemima Munro "
Marie Katherine MacNeil	"	Flossie Marguerite McKay "
Margaret Ann MacKenzie	"	Jessie Ann Ether Ross "

Catherine Annie MacNeil	"	WINDSOR—(25 candidates).
Catherine Mabel MacCalder	"	
Katherine Frances Doyle	"	Mary Grace Walley Second Rank.
Dan Cornelius McPherson	"	Lillian Maude Lingard "
Mary Margaret McMullin	"	Mary Maria MacDougall "
Herbert Stewart Gray	"	Beatrice Brunhilda Burgess "

SYDNEY MINES—(12 candidates).		Eunice Amanda Mason Third Rank.
Margaret J. Gillis	Third Rank.	Mabel Leone Custance "
Catherine Nicholson	"	Warren Redvers Ettinger "
Jimina Gillis	"	Una Guilda E. Jenkins "
Annie Isabelle McNeil	"	Madge Alice Daniels "
Mary Ethel McMullin	"	Lawrence Milton Sommer "

TATAMAGOUCHE.  
(14 candidates).

Mary Edith Smith	Second Rank.	Helen Alberta McLearn "
Catherine Isabel McLeod	"	Eva Mary Dimock "
Greta Katheryn Cox	Third Rank.	Thelma Grace Benedict "
Frances Ellen Stevenson	"	Helen Gladys Smith "
Katherine Blaire	"	Ethel Merle Murphy "
Gladys Ella McKay	"	Alice Muriel Grove "
Mary Anne Wilson	"	Florence Maude Morris "
Jean Chalmers MacIntosh	"	Lilian Carrie Johnston "
Annie Leota Henderson	"	

WOLFVILLE—(3 candidates).

Lillian Mae Borden	Third Rank
Edna Minetta Brown	"

TRURO—(18 candidates).

Nellie Verna Lewis	Second Rank.	WOODS HARBOR—(6 candidates).
Laura Blanche Fulton	"	Vera Gould Goreham Second Rank.
Eva Dell McCulloch	"	Vera Bonita Nickerson "
Dorothy Creighton Black	"	Norma Enella Nickerson "
Anna Cameron Starritt	Third Rank.	Carrie Evelyn Wilson Third Rank.
Nellie Meta Wright	"	David Arthur Gordon Smith "

YARMOUTH—(21 candidates).

Anna Belle Rutherford	"	Mattie Curry Second Rank.
Susie Green Bailey	"	Marion Jeffrey "
Elizabeth Lavinia MacCollum	"	Bertha Willeta Churchill Third Rank.
Lillian Maude Lockhart	"	Alton Ford Crowell "
Gladys Pratt	"	Hilda Rhoda Wyman "
Bessie May Loughead	"	Dorothy Beatrice Cook "

UPPER STEWIACKEL (6 candidates)

Frances Ingleby Foster	Third Rank.	Elizabeth Pippy "
Elsie Norma Stewart	"	Beulah Irene Mullen "
Winifred Elizabeth Conroy	"	Jennie Churchill Allen "
Mary Emma Rhyno	"	Amy Vivian Hatfield "
Bessie Louise Archibald	"	Nellie Lock Prime "
Ivan Stark Deyarmond	"	Helen Ora Pierce "
		Hattie Winnifred Holmes "
		Jane Allen Horton "

# PROVINCIAL NORMAL COLLEGE OF NOVA SCOTIA.

## DIPLOMA AWARDS, 1916-1917.

(Those marked \* with distinction).

### Superior First Rank.

Hazel Aileen Gray	Yarmouth	Yarmouth.
Annie May MacLeod, B. A.	Pictou	Pictou.
Blanche Bernice MacLeod, B. A.	Wolfville	Kings.
Kate Morrison, B. A.	Dartmouth	Halifax.
Anna Lorena Spicer, B. A.	Spencers' Island	Cumberland.
Violet Genevieve Thorpe, B. A.	Wolfville	Kings.
Harriette Jane Jamieson, B. A.	Halifax	Halifax.
Joseph Morrow Scott, M. Sc.	Truro	Colchester.
Margaret MacNaughton MacLean, B. A.	Truro	Colchester.
Myra Christina Barnes, B. A.	Amherst	Cumberland.
Kathleen Maud Day, B. A.	New Glasgow	Pictou.
Evelyn Vera Fox, B. A.	Canning	Kings.
Jennie Gordon Grant, B. A.	Moncton	N. B.
Jessie Henderson Higson, B. A.	Stellarton	Pictou.
Florence Mattatall, B. A.	Tatamagouche	Colchester.
Gertrude Anna Boyd, B. A.	R. Bourgeois	Richmond.
Annie Laurie Macdonald	Antigonish	Antigonish.
Hilda Mary Purcell, B. A.	Antigonish	Antigonish.
Neil Blessington Collins, B. A.	Antigonish	Antigonish.
Norna Bingay Horner	Yarmouth	Yarmouth.
Alice Hamilton Macdonald	North Sydney	Cape Breton.
*Mary Alfreda Miller	Shubenacadie	Hants.
Sylvia Edith Miller	Shubenacadie	Hants.
Sadie May Moran	Truro	Colchester.
*Helen Viola Spindler	Lower Rose Bay	Lunenburg

### Qualified for Superior First After One Year of Successful Teaching. Meanwhile Awarded First Rank.

Katherine Lillian Campbell, B. A.	Dartmouth	Halifax.
Clara Margaret Smith, B. A.	Merigomish	Pictou.
Ray Lloyd Coldwell, B. A.	Gaspereaux	Kings.
Marie Margaret Paoli, B. A.	Charlottetown	P. E. I.
Alexander MacDonald, B. A.	Fraser's Mills	Antigonish.
Catherine Amelia Black	Amherst	Cumberland.
Hilda May Douglas	Truro	Colchester.
Gertrude Iva Doyle	Amherst	Cumberland.
Jerine Margaret Gleeson	Halifax	Halifax.
Cecilia Veronica Kelly	Bridgewater	Lunenburg.
Hilda Gladys McCaughey	Amherst	Cumberland.
Josephine MacDonald	Harbor Road	Antigonish.
Cassie Mildred O'Brien	Noel	Hants.
Doris Gwendolyn Veinotte	Blockhouse	Lunenburg.
Irene Evelyn Warner	Halifax	Halifax.
Mary Arthur	Sydney Mines	Cape Breton.
*Mattie Elizabeth Atkinson	Westville	Pictou.
Cecilia Beaton	Beatonville	Inverness.
Florence Musgrave Berry	Bear River	Digby.
Dorothy Bernice Bower	Lower Ohio	Shelburne.
Susie Laura Bradley	Princeport	Colchester.
Helen Mae Bruce	Truro	Colchester.
Frances Lillian Buddle	So. Farmington	Annapolis.
Mary Louise Burrows	Yarmouth	Yarmouth.
Margaret Jane Cameron	E. River St. Marys	Pictou.
Katherine Annie Campbell	Beatonville	Inverness.

Marjorie Alma Chapman	Fort Lawrence	Cumberland.
Helen Louise Churchill	Freeport	Digby.
Hazel Mildred Churchill	Darling's Lake	Yarmouth.
Caroline Margaret Clarke	West River	Pictou.
Mary Luetta Conrad	Dayspring	Lunenburg.
Rhoda Matilda Conrad	LaHave	Lunenburg.
Jennie Edmunds Corning	Chegoggin	Yarmouth.
Cornelia Gertrude Crocker	Freeport	Digby.
Adelia Graham Crowe	Lower Economy	Colchester.
Lottie Ellen Deckman	Center Musquodoboit	Halifax.
Emma Rose DeVoe	Little Bras d'Or	Cape Breton
Dorothy Edna Distant	Halifax	Halifax.
Margaret Elizabeth Dominey	Amherst	Cumberland.
Nellie Lee Drew	New Germany	Lunenburg.
Jennie Dunlavy	Cross Roads Ohio	Antigonish.
Elsie Annie Edwards	Hilden	Colchester.
Jean Evelyn Fisher	Newton Mills	Colchester.
Anna May Fraser	Ross Ferry, Boularderie	Victoria.
Jessie Hazel Grant	New Glasgow	Pictou.
Verna Ella Harding	Kemptville	Yarmouth.
Irene Eliza Harrison	Maccan	Cumberland.
Mary Augusta Hunter	Oxford	Cumberland.
Jessie Lillas Irving	Shubenacadie	Hants.
Lena May Jackson	Carleton Corner	Annapolis.
Eva Campbell Johnson	Upper Stewiacke	Colchester.
Florence Nightingale Johnston	Brookfield	Colchester.
*Mary Frances Johnson	Lunenburg	Lunenburg.
Sara Anne Johnson	Leitch's Creek	Cape Breton.
Mabel Teresa Kennedy	Canso	Guysboro.
Sarah Christina Kennedy	Thorburn	Pictou.
Berta Dempster King	Halifax	Halifax.
Pearl Hattie Leslie	Apple River	Cumberland.
*Mary Dean Logan	Upper Stewiacke	Colchester.
Alice Evelyn McCulloch	Annapolis	Annapolis.
*Katherine MacDonald	Mabou	Inverness.
Mary Jean Macdonald	James R. Station	Antigonish.
Mary Catherine Macdonald	Ardness	Pictou.
Pearle Naomi McFadden	Clementsport	Annapolis.
Catherine Violette MacKay	Willowdale	Pictou.
Edna Jane MacKenzie	Centredale	Pictou.
Helen Etta MacKinnon	Whitney Pier	Cape Breton.
Eva Josephine MacLennan	Sydney Mines	Cape Breton.
Sadie Irene McLellan	Central New Annan	Colchester.
Anna Willard MacNeil	Forks Baddeck	Victoria.
Mary Agnes MacNeil	W. Merigomish	Pictou.
Gladys Eaton MacNutt	Lower Truro	Colchester.
Reta Pearl Marshall	Falkland Ridge	Annapolis.
Katie Martin	Sydney	Cape Breton.
Helen Winnifred Mason	Falkland Ridge	Annapolis.
Lila Isabel Maxwell	Mount Thom	Pictou.
Annie Elizabeth Morrison	Glace Bay	Cape Breton.
Margaret Adelaide Munro	Kingston	Kings.
Lillian Maria Murdoch	Sherbrooke	Guysboro.
Marjorie Gertrude Neiley	Nictaux W.	Annapolis.
Gladys Olivia Newcombe	Port Williams	Kings.
Katie Nicholson	Barachois Harbor	Cape Breton.
Marjorie Dennette North	Canning	Kings.
Nellie Leah Parke	Port Medway	Queens.
Ella May Phillips	Inverness	Inverness.
Alice Marie Pineo	Millville	York Co. N.B
Dorothy Potts	Yarmouth	Yarmouth.
Ethel Alice Pye	Ecum Secum	Guysboro.
Mary Amelia Reeves	Mulgrave	Guysboro.
Minnie Victoria Reid	Brule Shore	Colchester.
Willena Maie Reid	Pugwash	Cumberland.

Annie Ella Rice	Baddeck Forks	Victoria.
Dorothy Mae Roach	South Farmington	Annapolis.
Anna Livingstone Smith	Hillsboro	Inverness.
Jessie Rose Smith	West River	Pictou.
Lalia Jane Smith	Port Medway	Queens.
Marguerite Irene Smith	Nictaux Falls	Annapolis.
*Mary Lois Soley	Springhill	Cumberland.
Margaret Isabel Sutherland	New Glasgow	Pictou.
Hilda Margaret Tobin	Canso	Guysboro.
Marion Simonson Trask	Sydney	Cape Breton.
Gladys Hazel Turner	Middleton	Annapolis.
Hazel Marie Van Buskirk	Wilmot	Annapolis.
Hilda Marion Vaughan	Martin's Point	Lunenburg.
Myrtle Olive Wamboldt	East Port Medway	Queens.
Annabel Mary Watt	Trenton	Pictou.
Hattie May Wheelock	Bridgetown	Annapolis.
Emma Louise White	Mid. Musquodoboit	Halifax.
Catherine Louise Whittier	Rawdon	Hants.
Mary Olive Wickwire	Wolfville	Kings.
*Edith Stuart Wilson	Central N. Annan	Colchester.
Ruby Alma Wood	Annapolis	Annapolis.
Alva Jane Young	Brighton	Digby.
Timothy A. Fougere, Ph. B.	Halifax	Halifax.
Cleveland Johnson Fraser	Parrsboro Shore	Cumberland.
George Holland Hoffman	Nictaux So.	Annapolis.

**To Qualify for First Rank by One Year of Successful Teaching. Mean-  
while Awarded Second Rank.**

Ada Lelia Barnhill	Onslow Station	Colchester.
Hazel Jean Chalmers	W. New Annan	Colchester.
Mildred Amelia Creelman	Portaupique	Colchester.
Nellie Christena Fraser	Sydney Mines	Cape Breton.
Mabel Freda Fuller	Truro	Colchester.
Reba Edith Hennessey	Truro	Colchester.
Antoinette Gertrude Hurst	Canso	Guysboro.
Jennie Helen Lomas	Halifax	Halifax.
Rachel Joan MacDermid	Middle River	Victoria.
Mary Christena MacIver	Middle River	Victoria.
Wilfred St. Clair Hiltz	Martin's River	Lunenburg.
Samuel Emerson Thurber	Freeport	Digby

**Awarded Second Rank Diploma.**

Harriet Agnes Allen	Sydney Mines	Cape Breton.
Maude Catherine Hennessey	Port Hawkesbury	Inverness.
Fannie Vivian MacIntosh	Wallace Ridge	Cumberland.
Emma Genevieve Aern	Havre Boucher	Antigonish.
Mary Bertha Ahern	Havre Boucher	Antigonish.
*Jessie Marguerite Amirault	M. W. Pubnico	Yarmouth.
Ella Marie Anderson	Chapman	Cumberland.
Minnie Dun Anthony	Kennetcook Corner	Hants.
Janie Archibald	Centre Musquodoboit	Halifax.
Lenna Grace Atwell	White Rock	Kings.
Bella May Austen	N. E. Margaree	Inverness.
Catherine Christie Austen	N. E. Margaree	Inverness.
Margaret Laura Blair	Laggan	Pictou.
Maud Mary Bonang	Mid. Porter's Lake	Halifax.
Lily Boutilier	Caledonia Mines	Cape Breton.
*Laura Jane Buckler	Dalhousie West	Annapolis.
Ada Theodora Bushen	W. Dublin	Annapolis.
Mary Margaret Cameron	St. Peters	Richmond.
Muriel Annis Cann	Carleton	Yarmouth.
Anna Dora Corkum	Port Bickerton	Guysboro.
Mabel Kathleen Courtney	Shubenacadie	Hants.

Mary Alberta Creemer	Aylesford	Kings.
Alice Marguerite Crouse	Brookfield	Colchester.
Emillie Annie d'Entremont	W. Pubnico	Yarmouth.
Mary Rose Doucette	Quinan	Yarmouth.
Bessie Eleanor Elliott	River John	Pictou.
*Barbara Annie Fraser	McLellan's Mt.	Pictou.
Jessie May Gillis	Broad Cove Marsh	Inverness.
Blanche Mildred Hamilton	Brookfield	Colchester.
Mabel Lavinia Harpell	Wallace Bridge	Cumberland.
*Elizabeth Harvey	Wolfville	Kings.
Mabel Jane Irving	Shubenacadie	Hants.
Annie Johnstone	Leitch's Creek	Cape Breton.
Grace Evelyn Kaulbach	Conquerall Mills	Lunenburg.
Florence Swinburne Kent	Stewiacke	Colchester.
*Esther Laurella Leslie	Spry Bay	Halifax.
Georgia Elspith McCabe	River Philip	Cumberland.
Mary Agnes MacDonald	S. W. Margaree	Inverness.
Greta May MacElhinney	Glenholme	Colchester.
Bessie Estella MacGowan	Beech Hill Farms	Queens.
Katherine Margaret MacInnes	West Bay	Inverness.
Mabel Christina MacInnis	Ballantynes Cove	Antigonish.
Katherine Margaret MacIssac	Lakedale	Guysboro.
Grace Darling MacKay	Sandy Cove	Digby.
Florence MacLennan	River John	Pictou.
Neva Annie MacLeod	Pugwash Jct.	Cumberland.
Mabel Elizabeth MacNeill	Whitney Pier	Cape Breton.
Martha MacNeill	Red Island	Richmond.
Katherine Anna MacPherson	Lakedale	Guysboro.
Gladys Viola Mailman	New Albany	Annapolis.
Cassie Anna Martin	Orangedale	Inverness.
Florence Anastasia Miller	Giants Lake	Guysboro.
Perle Taylor Morrison	Gabarus	Cape Breton
Elizabeth May Morton	Jordan Falls	Shelburne.
Reta Geraldine Nickerson	Pubnico Beach	Shelburne.
Marguerite Blanche Oliver	Weymouth	Digby.
Marion Ethel Oliver	Meteghan Center	Digby.
Mary Alberta O'Toole	St. Peter's	Richmond.
Katharine Florence Ray	Lattie's Brook	Hants.
Myrtle Sara Ritchie	Auburn	Kings.
Effie May Robinson	Walton	Hants.
Kathleen Vivian Sanford	Upper Falmouth	Hants.
Ruth Ann Sanford	Coldbrook	Kings.
Fedora Mary Saulnier	Mavilette	Digby.
*Minerva Grace Smith	Athol	Cumberland.
Lillian Gertrude Stuart	Mulgrave	Guysboro.
Margaret Jane Sutherland	Pine Tree	Pictou.
Elizabeth Muriel Tucker	Tatamagouche Mt.	Colchester.
Dora Vance	Masstown	Colchester.
Elva Marguerite Vincent	W. New Annan	Colchester.
Greta Marion Webber	Oyster Pond	Halifax.
Rheta Eliza Wilkie	Pentz	Lunenburg.
Elizabeth Atchison Woodworth	Milford Station	Hants.
Wilfred Walter Glencross	Country Harbor Mines	Guysboro.
Peter MacDonald	Fraser's Mills	Antigonish.
Archie Daniel MacKenzie	Kirkwood	Inverness.
Max Muller Munro	Bridgetown	Annapolis.
Laurier Stewart Sarty	Lapland	Lunenburg.

**To Qualify for Second Rank by One Year's Successful Teaching. Mean-while Awarded Third Rank.**

Mary Bray	Copper Lake	Antigonish.
Theresa Jane Broussard	Pomquet	Antigonish.
Theresa Coady	Margaree Forks	Inverness.
Violet Edna Foster	Mattatall Lake	Colchester.

Annie Marie MacDougall.....	Troy.....	Inverness.
Letitia Mildred McGill.....	Nuttby.....	Colchester.
Maud Evelyn Morrell.....	Freeport.....	Digby.
Alice Romaine Slack.....	Londonderry Station.....	Colchester.
Vera Hazel Wagner.....	Cent. Port Mouton.....	Queens.
Hugh Allan Dunn.....	Antigonish Har.....	Antigonish.

**Awarded Third Rank.**

Rosie Teresa Burke.....	Little Lorraine.....	Cape Breton.
Annie Elizabeth Deal.....	Newcombville.....	Lunenburg.
Johanna Catherine Doyle.....	Whiteside.....	Richmond.
Mossie Belle Gardner.....	Port Mouton.....	Queens.
Elizabeth Christina Gunn.....	E. R. St. Mary's.....	Pictou.
Janet Marie Hatfield.....	Springhaven.....	Yarmouth.
Mabel Wilda Hebb.....	Newcombville.....	Lunenburg.
Annie Eudoia Hopkins.....	Halifax.....	Halifax.
Annie Margaret McEachern.....	W. Tatamagouche.....	Colchester.
Mary Cassie MacQuarrie.....	St. Rose.....	Inverness.
Florence Irene Morrison.....	Port Hood Island.....	Inverness.
Mary Joanita Poirier.....	D'Escousse.....	Richmond.
Pauline Bernice Slaughenwhite.....	Tancook I.....	Lunenburg.
Nettie Florence Smith.....	Hunt's Point.....	Queens.
Ada Margaret Walsh.....	McGrath's Cove.....	Halifax.
Emma Grace Watts.....	Marble Hill.....	Inverness.
Hazel Blanche Whidden.....	Onslow Mt.....	Colchester.
Hazel Clemency Williams.....	Lydgate.....	Shelburne.
William Daniel MacKenzie.....	S. Side R. Dennis.....	Inverness.

**Diploma of Kindergartner, First Rank.**

Emma Carroll Bryson.....	Truro.....	Colchester.
Mabel Irene Elliott.....	Paradise.....	Annapolis.
Freda Emeline Murray.....	Truro.....	Colchester.

**Diploma of Kindergartner, Second Rank.**

Bernice Yvonne Messenger.....	Kingston.....	Kings.
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**Qualified as Teacher of Mechanic Science.**

Cleveland Johnson Fraser.....	Parrsboro Shore.....	Cumberland.
George Holland Hoffman.....	Nictaux South.....	Annapolis.

**Promotion of Students of Former Years from First to Superior First Rank.**

Aubrey Clifford Duncan.....	Duncan.....	Lunenburg.
Clara Quinlan.....	Mahone Bay.....	Lunenburg.
Jessie May MacKinnon.....	Sydney.....	Cape Breton.
Helen Florence MacDougall.....	Pt. Edward.....	Cape Breton.
Zilah Lillian Bollong.....	Halifax.....	Halifax.
Juanita May White.....	Mahone Bay.....	Lunenburg.
Winnifred Lewis.....	Yarmouth.....	Yarmouth.
Olivia Jean Fulton.....	Onslow Station.....	Colchester.
Violet Olive Foshay.....	Truro.....	Colchester.
Ella Herrmann.....	Yarmouth.....	Yarmouth.
Esther Brody.....	Glance Bay.....	Cape Breton.

**From Second to First.**

Ezelia Agnes Cole.....	Milton.....	Queens.
Ida Naomi Carver.....	Canso.....	Guysboro.
Annie Laura Hiltz.....	Middleton.....	Annapolis.
Edyth Haley.....	Windsor.....	Hants.
Ira Day Mader.....	Mader's Cove.....	Lunenburg.



Stephen Foster Hall.....	St. Croix Cove.....	Annapolis.
Alice Gouthro.....	Bridgeport.....	Cape Breton.
Marie Emmanuel LeBlanc.....	Church Pt.....	Digby.
Donald Shippey Lent.....	Woods Harbor.....	Shelburne.
Charles Keith Barkhouse.....	Westport.....	Digby.
Grace Gormley.....	Halifax.....	Halifax.
Bernice Winnifred Bower.....	Clark's Harbor.....	Shelburne.
Muriel Curtis Secord.....	River Hebert.....	Cumberland.
James D. Britten.....	Poirierville.....	Richmond.
Laura Belle Sutherland.....	Seafoam.....	Pictou.
Ella Fraser Sutherland.....	Lansdowne.....	Pictou.
Kenneth Loring Palmeter.....	Grand Pre.....	Kings.
Mary Alexandra Parker.....	Maitland.....	Hants.
Jean Louise Baxter.....	Brooklyn.....	Hants.
Sadie Mae MacNamara.....	Halifax.....	Halifax.
Ada Setchell MacDonald.....	Fictou.....	Pictou.
Alice Ethel MacInnis.....	Wallace Ridge.....	Cumberland.
Emma Elizabeth Atkinson.....	Westbrook.....	Cumberland.
Jennie Charmàn.....	Wallace.....	Cumberland.
Joseph Webb.....	Havre au Bouche.....	Antigonish.
Irma Etta Carter.....	Truro.....	Colchester.

**Second (Kindergarten) to First.**

Marjory Britton MacCully.....	Truro.....	Colchester.
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**Third to Second Rank.**

Mary Catherine MacDougall.....	Broad Cove Banks.....	Inverness.
Rose Ann MacFarlane.....	S. W. Margaree.....	Inverness.
Annie Poirier.....	Descousse.....	Richmond.
Elite Rose d'Eon.....	Brier Lake.....	Digby.
Annie Agnes MacIvor.....	South Cove P. O.....	Victoria.
Minnie Gillis.....	Woodbine.....	Cape Breton.
Bessie Vonetta Spinney.....	Coldbrook Station.....	Kings.
Hanna Rose MacKay.....	Baddeck Center.....	Victoria.
Josephine Teresa Trefry.....	Pleasant Lake.....	Yarmouth.
Theora Winnifred Randall.....	Mid. Ohio.....	Shelburne.
Ora Wilena Hawkins.....	Beaver Bank.....	Halifax.
Ella May Naugler.....	Dayspring.....	Lunenburg.
Dorothy Ruth Morrell.....	Freeport.....	Digby.
Margaret Gray Munro.....	Brookland.....	Pictou.
Helen Grant Thomson.....	Durham.....	Pictou.
Hughena May Johnston.....	Up. Barney's River.....	Pictou.
Gladys Mae Aitchison.....	Milburn.....	Colchester.
Mabel Catherine Lynch.....	Nuttby.....	Colchester.
Clara Samson.....	Poulamon.....	Richmond.
Azul Guyon Smith.....	Lockeport.....	Shelburne.
Jennie Cecilia MacDonald.....	S. W. Margaree.....	Inverness.
Mary Bernadette Webb.....	Havre Boucher.....	Antigonish.
Ethel Marie Wharton.....	Beach Meadows.....	Queens.
Lauchlina MacLeod.....	St. Rose.....	Inverness.
Jennie Ethel Brown.....	Eastville.....	Colchester.

**To Third Rank.**

Isabella MacDonald.....	Black Avon.....	Antigonish.
Elmira Elsie Smith.....	West Dover.....	Halifax.
Maria Frances MacDonald.....	Big Tracadie.....	Antigonish.
Annie Jennie Hamilton.....	R. John.....	Pictou.

### ATTENDED RURAL SCIENCE TRAINING SCHOOL, 1917.

The subjects of the course are numbered as follows: (1) Nature Study, (2) Botany, (3) Biology, (4) Chemistry, (5) Physics, (6) Geology and Mineralogy, (7) Plant diseases, (8) Entomology, (9) Horticulture, (10) Agriculture, (11) Bird Study, (12) Weather work, (13) Wood work, (14) Brush and Cardboard work, (15) Bacteriology. Those marked "D" have completed the full course and qualified for Diplomas. Those marked\* left at the close of the Physical Drill course. Those marked† were doing post graduate work. To those marked "C" the certificate of one session's work has been granted.

### RURAL SCIENCE STUDENTS FOR THE SUMMER OF 1917.

- Archibald, Bessie Louise, Cross Roads, Up. Stewiacke, 2, 6, 8, 9, 13, C.  
 Baker, Millicent Sara, Barss' Corner, Lun. Co., 1, 2, 6, 9, 10, C.  
 Baillie, Anna, 811 Church St., Westville, N. S., 1, 2, 9, 11, C.  
 Barnes, Myra Christine, 46 Albion St., Amherst, 4, 6, 11, 14, C.  
 Blaikie, Florence Joy, Upper Stewiacke, Col. Co., 2, 3, 6, 8, 13, 14, C.  
 Bradley, Susie Laura, R. R. No. 1 Old Barns, Col. Co., 1, 2, 3, 4, 8, 9, 10, D.  
 Brown, Mabel Coralie, Melvern Square, Anna. Co., 2, 3, 8, 9, 13, C.  
 Brown, Georgie Marguerite, Melvern Square, Anna. Co., 2, 3, 4, 11, 13, D.  
 Boyd, Gertrude Anna., River Bourgeoise, C. B., 2, 4, 9.  
 Boyle, Eileen, 98 James St., Sydney, C. B., 1, 2, 6, 9, 13, C.  
 Blenkinsop, Laura Aileen Marie, Truro, N. S., 4, 14.  
 †Burgess, Florence Alberta, Newport Landing, Hants Co., 2, 6, 7.  
 †Baldock, Olive Marion, 18 Morris St., Halifax, N. S.  
 Carver, Ida N., Fictou, N. S., 2, 3, 6, 8, 11, D.  
 Campbell, Katherine L., Dartmouth, N. S., 2, 3, 6, 9, C.  
 Cavanagh, Alice Muriel, East Mines Station, Col. Co., 2, 4.  
 Cavanagh, Meredith Irene, Center St., Truro, N. S., 2, 9.  
 Coldwell, Ray Lloyd, Gaspereaux, Kings Co., N. S., 1, 4, 9, 11, C.  
 Chisholm, Margaret Marie, Five Islands, Col. Co., 2, 6, 8, 9, C.  
 \*Clarke, Helen Louise, Joggins Mines, Cumb. Co.  
 Cook, Lulu Gertrude, Bridgewater, N. S., 1, 2, 6, 7, 8, D.  
 Cottenden, Annie Sarah, Springhill, Cumb. Co., 2, 6, 8, 13, C.  
 Crowe, Cassy Beatrice, Annapolis Royal, N. S., 1, 2.  
 \*Cochrane, Pearl, Sweet's Corner, Hants Co.  
 Collins, Neil, North Sydney, C. B., 7, 8, 9, 13, C.  
 Day, Kathleen Maude, New Glasgow, N. S., 3, 5, 6, 9, C.  
 Drillio, Edith Maie, Maitland, Hants Co., 2, 3, 8, 9, 13, C.  
 Embree, Edith Alma, Springhill, Cumb. Co. (Box 136), 2, 3, 13.  
 Etter, Mary Clarissa, Westmoreland Pt., Westmor. Co., N. B., 2, 4, 9.  
 Farncombe, (Mrs.) Maude N., No. Brookfield, Queens Co., 1, 2, 5, 6, 7, 8, D.  
 Filmore, Inez Jennette, 47 Albion St., Amherst, N. S., 2, 4, 9.  
 Fisher, Ethel, Up. Musquodoboit, Hfx., Co., N. S., 1, 2, 11.  
 \*Forsythe, Evelyn Reta (Box 437), Kentville, N. S.  
 Foster, Emma Mae, Springhill, Cumb. Co., N. S., 2, 3, 13.  
 Fox, Evelyn Vera Canning, N. S., 1, 7, 9, 11, C.  
 Fraser, Cleveland Johnson, Parrsboro Shore, Cumb. Co.  
 Fuller, Mabel F. eda, Truro, N. S., 2, 4, 9, 13, C.  
 Giffin, Susie Laetitia, Isaac's Harbor, Guys. Co. 2, 3, 6.  
 Gouthro, Alice, Sherbrooke St., Glace Bay, C. B. 2, 7, 8, 9, C.  
 Grant, Jennie Gordon, 237 Church St., Moncton, N. B., 3, 5, 6, 9, C.  
 Hegan, Elizabeth Jean, Bass River, Col. Co., 13.  
 Henderson, Ethel, Avonport, Kings Co., 1, 2, 3, 6, 8, 10, C.  
 Higgins, Emma Agnes, Cook's Brook, Hfx. Co., 2, 9, 10, 11, C.  
 Higson, Jessie Henderson, Stellarton, N. S., 3, 6, 9.  
 Himmelman, Amy Clara Louise, Rose Bay, Lun. Co., 2, 3, 6, 8, 9, 13, C.  
 Hirtle, Erema Edna, Oakland, Lun. Co., 1, 2, 6, 9, 10, C.  
 Hoffman, George Holland, Nictaux Falls, Anna. Co.  
 Horton, Emma Grace (Box 660) Truro, N. S., 8, 9, 13.  
 Horton, Marjorie Victoria (Box 660) Truro, N. S., 8, 9, 13.  
 Hunter, Mary Augusta, (Box N) Oxford, N. S., 1, 2, 3, 6, 8, 11, C.  
 Henderson, J. Aileen, New Glasgow, N. S., 1, 2, 9, 10, 11, C.

- Irving, Mabel Jane, Shubenacadie, Hants Co. 2, 6, 8, 10. C.  
 \*Jeffrey, Marion, Port Maitland, Yarmouth Co.  
 Jones, Olwen Gertrude, Springhill, Cumb. Co. 2, 6, 13.  
 †Jennison, Mary I., Truro, N. S.  
 Kent, Helen Tupper, Prince St., Truro, 4, 6, 11. D.  
 King, Nellie Odessa, Springhill, Cumb. Co., 2, 8, 13.  
 \*Keeler, Cecilia, Dartmouth, N. S.  
 Lausdell, Constance Dorothy Martha, Shubenacadie East, 2, 3, 6, 8, 9. C.  
 Lewis, Winnifred, Yarmouth, N. S., 8, 10.  
 Lingard, Lillian Maud, Tenecape, Hants Co., 1, 2, 9, 10. C.  
 \*Littlewood, Elizabeth Clevelina, Ingomar, Shel. Co.  
 Lockhart, Lillian Maude, Brookfield, Col. Co., 2, 6, 13.  
 Longley, Sara Elizabeth, Paradise, N. S., 1, 2, 9.  
 Lysaught, Jane, Springhill, Cumb. Co., 2, 4, 6, 9, C.  
 †Lindsay, Harriet Louise, Truro, N. S.  
 McCabe, Ada Marion, Sand River, Cumb. Co., 1, 2, 3, 8, 10, C.  
 McCabe, Jane Andrews, River Philip, Cumb. Co., 2, 3, 6, 8, 13. C.  
 MacCara, Margaret Ellen, R. R. No. 1, Scotsburn, Pic. Co., 1, 2, 3, 10, 11. C.  
 McCulloch, Alice Evelyn, Annapolis Royal, N. S., 1, 2, 3, 4, 6, 8, 9. D.  
 McCulloch, Eva Dell, Debert Station, Col. Co. 1.  
 Macdonald, Annie Laurie, Antigonish, N. S., 2, 6, 7, 10, 11. C.  
 McDonald, Alex. J., Fraser's Mills, Ant. Co., 2, 4, 13.  
 Macdonald, Flora, Baddeck, Cape Breton, 1, 2, 3, 4, 5. D.  
 MacDonald, Rod F., Springhill, N. S., 2, 4, 9.  
 \*MacDonald, Jessie Margaret, Inverness, C. B.  
 \*Macdonald, Christena Isabell, Tatamagouche, Col. Co.  
 MacDonald, Ruth, MacPherson's Mills, Pictou Co., 2.  
 McDonald, Alexander, Fraser's Mills, Ant. Co., 4, 7, 9, 13. C.  
 McDonald, Margaret Mary, Fraser's Mills, Antigonish Co., 1, 2, 3, 11. C.  
 McDonald, Ada S., Box 518, Pictou, N. S., 1, 2, 3, 6, 8, 11. C.  
 MacDougall, Mary Maria, West Gore, Hants Co., 2, 4, 6, 9. C.  
 MacInnis, Alice Ethel, Wallace Ridge, Cumb. Co., 1, 2, 3, 8, 10. C.  
 MacInnis, Edith Lucy, West Sheet Harbor, Hfx. Co., 1, 2, 6, 8, 9, C.  
 McKay, Jean Ethel, Waugh's River, Col. Co.  
 McKay, Marion Nellie Cecilia, West Earltown, Col. Co., 2, 6, 8, 10. C.  
 \*MacKay, Ethel Annie Marie, Balmoral Mills, Col. Co.  
 MacKenzie, Jessie Catherine, Sydney, C. B., 2, 3, 11, 13, C.  
 MacKinnon, Annie Frances, Bridgeport, C. B., 2, 7, 9, 11. C.  
 MacLatchey, Kathryn, Hantsport, N. S., 2, 4, 6, 9. C.  
 McLellan, Mary Agnes (Box 763) Glace Bay, C. B., 2, 7, 8, 9, 14. D.  
 MacNeil, Mary Florence, 63 George St., Sydney, C. B., 2, 6, 10.  
 \*McNutt, Greta Elizabeth, DeBert Station, Col. Co.  
 MacQuarrie, Catherine Rebecca, Dartmouth, N. S., 2, 13.  
 MacKinnon, Hilda, 13 Park St., Sydney, C. B., 2, 6, 8, 9. C.  
 Matheson, Nellie A., River Philip, Cumb. Co., 2, 6, 7, 8, 10, 11. D.  
 Matheson, Benedict McClarty, 299 Agricola St., Halifax, 3, 4, 9.  
 Matatall, Florence, Tatamagouche, N. S., 2, 3, 6, 8, 9. C.  
 Maxwell, Lilla Isabel, Mount Thom, Pictou Co., 1, 2, 3, 4, 5, 6, 12. D.  
 Moore, Jamesina, Shubenacadie, Col. Co., 2, 5, 9, 10, 11. C.  
 Murdoch, Lillian Maria, Sherbrooke, Guys. Co., 1, 2, 3, 4, 6, 8, 9. D.  
 Murphy, Gertrude Lillian, St. Peters, C. B., 3, 4.  
 Nickerson, Norma Enella, Lr. Wood's Harbor, Shel. Co., 1, 2, 6, 8, 10. C.  
 Nickerson, Verna Lillian, Lr. Woods Har., Shel. Co., 1, 2, 6, 10, C.  
 Nicoll, Amy Gertrude, Mira Gut, C. B., 2, 6, 8, 9. C.  
 \*Parker, Edna Douglas, Caledonia, Queens Co.  
 Parker, Pearl Melinda, South Farmington, Anna. Co., 1, 2, 8, 9, 13. C.  
 Penny, Beatrice Irene (Box 116) Sydney, C. B., 2, 6, 8, 9. C.  
 Poole, Ida May, Paradise West, Anna. Co., 1, 2, 9.  
 Poole, Vera Mildred, Paradise West, Anna. Co., 1, 2, 9, 11. D.  
 Potter, Effie, Clementsvale, Anna. Co. 1, 2, 3, 4, 5, 6, 8. D.  
 Purcell, Mary Hilda, Antigonish, N. S., 1, 2, 6, 9, 10. C.  
 Putnam, Hattie Clare, Lr. Onslow, Col. Co., 1, 2, 8, 9. C.  
 Peppard, Martha Morrison, Great Village, Col. Co., 1, 2, 9, 11. C.  
 Phillips, Annie Holmes, Mira Gut, C. B., 2, 6, 10, 11. C.  
 Paoli, Marie, Charlottetown, P. E. I., 2, 9, 10.

- \*O'Brien, Mary Isabelle, Joggins Mines, Cumb. Co.  
 Robinson, Mary Jeanette, South Farmington, Anna. Co., 1, 2, 8, 9, 13. C.  
 Romkey, Nellie Louise, Riverport, Lunen. Co., 2, 3, 6, 8, 9, 13. C.  
 Rooney, Annie I., Granville Center, Anna. Co., 1, 2, 4, 6, 13. C.  
 Robichaud, Eva, Meteghan, Digby Co., 2, 3, 6, 8. C.  
 Sergeant, Bertha Helen, Sydney, C. B., 2, 3, 13.  
 \*Self, Mary Caroline, (Mrs. Geo.), Box 274, Canso, Guys. Co.  
 Schofield, Evelyn Maude, Canning, Kings Co., 1, 2, 3.  
 Scott, Margaret Helena Frances, Enfield, Hants Co., 1, 2, 13.  
 Slack, Ida Myrtle, Athol, Cumb. Co., 2, 3, 8, 9, 10. C.  
 Smith, Mamie Gertrude, Nappan Station, Cumb. Co., 2, 3, 4, 6, 9, 13. D.  
 Smith, Lizzie Matilda, R. R. No. 2, Nappan Sta., Cumb. Co., 1, 2, 5, 6, C.  
 Smith, Bertha Mae, R. R. No. 2, Nappan Sta., Cumb. Co., 1, 2, 5, 6. C.  
 Smith, Leila Margaret, Upper Stewiacke, Col. Co., 2, 9, 13.  
 Smith, Mary Belle, Truro, N. S., 2, 3, 4, 6. D.  
 Sommer, Laurence Milton, West Gore, Hants Co., 2, 3, 4, 5, 6, 9, 13. C.  
 Stephens, Helen Willena, Tenecape, Hants Co., 1, 2, 8, 9, 13. C.  
 Suttis, Sadie, Bass River, Col. Co., 2, 13.  
 Tibert, Melda Greta, Freeport, Digby Co., 1, 2, 4, 5. D.  
 \*Thurber, R. E. Bridgetown, N. S.  
 \*Walker, Ethel Gladys, Joggins Mines, Cumb. Co.  
 Walley, Mary Grace, Newport, Hants Co., 1, 2, 6, 8, 13. C.  
 Waugh, Elsie, Truro, N. S., 2, 4, 6, 8, 13, 14. D.  
 Wells, Marie Evelyn, Pugwash, (R. R. No. 3) N. S., 2, 4, 9, 11. C.  
 Whitman, Eva May, Lawrencetown, Anna. Co., 1, 2, 8, 9. C.  
 Whittier, Catherine Louise, Elmsdale, (R. R. No. 1) Hants Co., 1, 2, 3, 4, 6, 8, 9, 10, 13. D.  
 Williams, Marion Fraser, Great Village, Col. Co., 2, 3, 6, 8, 9, 11. D.  
 Wilson, Winnifred Grace, Springhill, N. S., 2, 6, 8.  
 Wood, Ruby, Annapolis Royal, Anna. Co., N. S., 1, 2, 3, 4, 6, 8, 10, 13, 14. D.  
 Woodworth, Elizabeth Atchison, (Box 51) Milford Sta., Hants, 1, 2, 6, 10. C.  
 Wyllie, Jessie Blair, Glenholme, Col. Co., 1, 2, 5, 14. C.  
 †Wetmore, Ralph H., Yarmouth, N. S.

# TEACHERS' LICENSES, 1916-1917.

## "A" SUPERIOR FIRST, 1916.

54—	Ethel Elizabeth Morse	Bridgetown	Nova Scotia.
55—	Doris Israel	Sydney	Cape Breton.
56—	Duncan Kenneth Finlayson	Dominion No. 6	Cape Breton.
57—	James Alexander McLellan	Edenwold	Sackatchewan
59—	Kate Morrison	Dartmouth	Halifax.

## "A" SUPERIOR FIRST, 1917.

1—	Philomena Smythe	Port Hood	Inverness.
2—	Blanche Bernice McLeod	Wolfville	Kings.
3—	Clara Quinlan	Mahone Bay	Lunenburg.
4—	Lily Isabel Bayne	Hilsboro	Inverness.
5—	Aubrey Clifford Duncan	Weymouth	Digby.
6—	Annie May MacLeod	Canso	Guysboro.
7—	Anna Lorena Spicer	Spencers Island	Cumberland.
8—	Harriette Jane Jamieson	Halifax	Halifax.
9—	Merna Alexis Messenger	Kingston	Kings.
10—	Jessie May MacKennon	Sydney	Cape Breton.
11—	Hazel Aileen Gray	Yarmouth	Yarmouth.
12—	Violet Genevieve Thorpe	Wolfville	Kings.
13—	Sr. Rose Catherine (N. M. Comeau)	Mt. St. Vincent	Halifax.
14—	Ethel Beatrice Reinhardt	Halifax	Halifax.
15—	Joseph Morrow Scott	Truro	Colchester.
16—	Olivia J. Fulton	Shubenacadie	Hants.
17—	Winnifred Lewis	Yarmouth	Yarmouth.
18—	Esther Brody	Glace Bay	Sydney.
19—	Ella Herrmann	Yarmouth	Yarmouth.
20—	Alice May Wynne	Convent Sacred Heart	Halifax.
21—	Sadie May Moran	Truro	Truro.
22—	Mary Alfreda Miller	Shubenacadie	Hants.
23—	Syliva Edith Miller	Shubenacadie	Hants.
24—	Isabel Denoon Phillips	Truro	Colchester.
25—	Margaret McNaughton McLean	Mahone Bay	Lunenburg.
26—	Juanita May Whyte	Truro	Colchester.
27—	Helen Florence MacDougall	Sydney	Cape Breton.
28—	Norma Bingay Horner	Yarmouth	Yarmouth.
29—	Zillah Lillian Bollong	Halifax	Halifax.
30—	Annie Laurie Macdonald	Antigonish	Antigonish.
31—	Jessie Henderson Higson	Stellarton	Pictou.
32—	Kathleen Maud Day	New Glasgow	Pictou.
33—	Gertrude Anna Boyd	Cannes	Richmond.
34—	Hilda Mary Purcell	Antigonish	Antigonish.
35—	Florence Mattatall	Tatamagouche	Colchester.
36—	Myra Christine Barnes	Amherst	Cumberland.

## "B" FIRST, 1916.

160—	Ruby Douglas Anthony	Kennetcook Corner	Hants.
161—	Rebecca Mary Hines	Halifax	Halifax.
162—	Ruth Beatrice Tingley	Truro	Colchester.
163—	Catherine Belle Doane	Atlantic P. O.	Shelburne.
164—	Florence Eliza King	River Philip	Cumberland.
165—	Violet Foshay Olive	Truro	Colchester.
166—	Donna G. Chisholm	New Glasgow	Pictou.
167—	Elizabeth Stuart Sanford	Truro	Colchester.

168—Isabel MacKenzie MacLeod.....	Sydney.....	Cape Breton.
169—Ethel Marie Verge.....	Barss Corner.....	Lunenburg.
170 Marjory Claudine McDougall.....	Mt. St. Vincent.....	Halifax, N.S.

## "B" FIRST, 1917.

1—Sr. Mary Camillus (Almira H Kelly).....	Mt. St. Vincent.....	Halifax.
2—Nellie Leah Parke.....	Londonderry.....	Colchester.
3—Marie Emanuel LeBlanc.....	Church Point.....	Digby.
4—Mary Hannah Finigan.....	Freeport.....	Digby..
5—Donald Shippey Lent.....	Freeport.....	Digby.
6—Alice Gouthro.....	Glace Bay.....	Cape Breton.
7—Mrs. Adeline Graham Crowe.....	Lower Economy.....	Colchester.
8—Mary Elizabeth Kay.....	Sydney Mines.....	Cape Breton.
9—Aubrey Kent Geddes.....	Halifax.....	Halifax.
10—Charles Keith Barkhouse.....	Westport.....	Digby.
11—Grace Gormley.....	Halifax.....	Jalifax.
12—Sister Stella Gertrud (Hilda Irene Sheehan).....	Mt. St. Vincent.....	Halifax.
13—Sister M. Fidelis (Katherine E. Murray).....	Mt. St. Vincent.....	Halifax.
14—Sister M. Leoparda (Madeline G. Powers).....	Mt. St. Vincent.....	Halifax.
15—James Damascus Britten.....	Poirierville.....	Richmond.
16—John Roderick MacDonald.....	Antigonish.....	Antigonish.
17—Ethel Matilda McPherson.....	Glace Bay.....	Cape Breton.
18—Ella Fraser Sutherland.....	Landsdowne.....	Pictou.
19—Mary Catherine Macdonald.....	Ardness.....	Pictou.
20—Mary Amelia Reeves.....	Mulgrave.....	Guysboro.
21—Mary Olive Wickwire.....	Wolfville.....	Kings.
22—Emma Louise White.....	Md. Musquodoboit.....	Halifax.
23—Hilda Margaret Tqbin.....	Canso.....	Guysboro.
24—Florence Musgrave Berry.....	Morganville.....	Digby.
25—Mabel Irene Elliott.....	Paradise.....	Annapolis.
26—Cleveland Johnson Fraser.....	Parrsboro Shore.....	Guysboro.
27—Willena Mae Reid.....	Pugwash.....	Cumberland.
28—Catherine Amelia Black.....	Amherst.....	Cumberland.
29—Hazel Maria Van Buskirk.....	Willmot.....	Annapolis.
30—Dorothy Mae Roach.....	So. Farmington.....	Annapolis.
31—Frances Lillian Buddle.....	So. Farmington.....	Annapolis.
32—Cecelia Beaton.....	Beatonville.....	Inverness.
33—Lillian Maria Murdock.....	Sherbrooke.....	Guysboro.
34—Hazel Mildred Churchill.....	Darlings.....	Yarmouth.
35—Rhoda Matilda Conrad.....	LaHave.....	Lunenburg.
36—Ethel Alice Pye.....	Ecum Secum.....	Guysboro.
37—Laura Belle Sutherland.....	River John.....	Pictou.
38—Alice Marie Pineo.....	Millville.....	York Co. NB.
39—Marjorie Dennette North.....	Canning.....	Kings.
40—Margaret Jane Cameron.....	East River St. Marys.....	Pictou.
41—Edna Jane MacKenzie.....	Centerdale.....	Pictou.
42—Caroline Margaret Clarke.....	Pictou.....	Pictou.
43—Mary Arthur.....	Sydney Mines.....	Cape Breton.
44—Alice Evelyn McCulloch.....	Annapolis Royal.....	Annapolis.
45—Jessie Rose Smith.....	Pictou.....	Pictou.
46—Verna Ella Harding.....	Kemptville.....	Yarmouth.
47—Mary Louise Starr.....	Port Williams.....	Kings.
48—Lalia Jane Smith.....	Port Medway.....	Queens.
49—Jennie Charman.....	Wallace.....	Cumberland.
50—Stephen Foster Hall.....	St. Croix Cove.....	Cumberland.
51—Irene Eliza Harrison.....	Maccan.....	Cumberland.
52—Mary Louise Burrows.....	Yarmouth.....	Yarmouth.
53—Ella May Phillips.....	Inverness.....	Inverness.
54—Helen Winnifred Mason.....	Springfield.....	Annapolis.
55—Bernice Winnifred Bower.....	Up. Clyde.....	Shelburne.
56—Ruby Alma Wood.....	Annapolis Royal.....	Annapolis.

57	Lottie Ellen Deckman	Center Musquodoboit	Halifax.
58	Mary Frances Johnson	Lunenburg	Lunenburg.
59	Helen Viola Spindler	Lower Rose Bay	Lunenburg.
60	Gladys Eaton McNutt	Lower Truro	Colchester.
61	Cassie Mildred O'Brien	Noel	Hants.
62	Jean Louise Baxter	Brooklyn	Hants.
63	Sarah Christina Kennedy	Thorburn	Pictou.
64	Mary Lois Soley	Springhill	Cumberland.
65	Mary Belle Baker	Wolfville	Kings.
66	Susie Laura Bradley	Old Barns	Colchester.
67	Sadie Irene McLellan	Cen. New Annan	Colchester.
68	Minnie Victoria Reid	Tatamagouche	Colchester.
69	Elsie Annie Edwards	Hilden	Colchester.
70	Edith Stuart Wilson	Cen. New Annan	Colchester.
71	Catherine Violetta MacKay	Willowdale	Pictou.
72	Hazel Jessie Grant	New Glasgow	Pictou.
73	Jessie Lillas Irving	Shubenacadie	Hants.
74	Margaret Isabel Sutherland	New Glasgow	Pictou.
75	Annie Elizabeth Morrison	Caledonia Mines	Cape Breton.
76	Hilda M. Vaughan	Martin's Point	Lunenburg.
77	Mattie Elizabeth Atkinson	Westville	Pictou.
78	Margaret Jean MacDonald	James River Station	Antigonish.
79	Pearle Naome MacFadden	Clementsport	Annapolis.
80	Pearle Hattie Leslie	Apple River	Cumberland.
81	Marjorie Gertrude Neily	Nictaux Falls	Annapolis.
82	Reta Pearl Marshall	Springfield	Annapolis.
83	Mabel Teresa Kennedy	Canso	Guysboro.
84	Myrtle Olive Wambolt	East Port Medway	Queens.
85	Margaret Adeline Munro	Kingston	Kings.
86	Katherine Annie Campbell	Beatonville	Inverness.
87	Annie Ella Rice	Baddeck Forks	Victoria.
88	Joseph Webb	Havre Boucher	Antigonish.
89	Eva Campbell Johnson	Up. Stewiacke	Colchester.
90	Emma Elizabeth Atkinson	West Brook	Cumberland.
91	Hilda Gladys MacCaughy	Amherst	Cumberland.
92	Gertrude Ivy Doyle	Amherst	Cumberland.
93	Anna L. Smith	Hillsboro	Inverness.
94	Mary Alexander Parker	Middleton	Annapolis.
95	Jennie Edmunds Corning	Cheggoggin	Yarmouth.
96	Mary Agnes MacNeil	W. Merigomish	Pictou.
97	Ethel Catherine McKay	Newport	Hants.
98	Alva Jane Young	Brighton	Digby.
99	Sr. Mary Leon (Evelyn White)	Mt. St. Vincent	Halifax.
100	Marjorie Alma Chapman	Fort Lawrence	Cumberland.
101	Cecilia Veronica Kelly	Bridgewater	Lunenburg.
102	Dorothy Potts	Yarmouth	Yarmouth.
103	Helen Louise Churchill	Freeport	Digby.
104	George Holland Hoffman	Nictaux Falls	Annapolis.
105	Sister M. Seraphia (Mary Isabel Hachey)	Mt. St. Vincent	Halifax.
106	Sister de Chantal (Marie de Chantal Brown)	Mt. St. Vincent	Halifax.
107	Sister Marie Augustine (Alma Katherine Surette)	Mt. St. Vincent	Halifax.
108	George Lawrence Leslie	Halifax	Halifax.
109	Margaret Genevieve O'Connor	Convent Sacred Heart	Halifax.
110	Irmanita Etta Carter	Truro	Colchester.
111	Dorothy Edna Distant	Halifax	Halifax.
112	Bertha Dempster King	Halifax	Halifax.
113	Sara Ann Johnson	Leitch's Creek	Cape Breton.
114	Emma Rose DeVoe	Little Bras d'Or	Cape Breton.
115	Eva Josephine MacLennan	Sydney Mines	Cape Breton.
116	Jessie MacKenzie	North Sydney	Cape Breton.
117	Katherine MacDonald	Mabou	Inverness.
118	Jessie Campbell	Glace Bay	Cape Breton.

119—Anna May Fraser	Ross Ferry	Victoria.
120—Mary Dean Logan	Up. Stewiacke	Colchester.
121—Catherine Louise Whitter	Elmsdale	Hants.
122—Anna Willard MacNeil	Forks, Baddeck	Victoria.
123—Annie Belle MacKichan	Cleveland	Richmond.
124—Gladys Hazel Turner	Middleton	Annapolis.
125—Lena May Jackson	Carleton's Corner	Annapolis.
126—Annie E. MacLean	Margaretville	Annapolis.
127—Jennie Dunlavy	Cross Roads, Ohio	Antigonish.
128—Ada Setchell MacDonald	Durham R. R. 2	Pictou.
129—Catherine Mary Baillie	Westville	Pictou.
130—Dorothy Bernice Bower	Lower Ohio	Shelburne.
131—Ruth Edwina Woodworth	Kentville	Kings.
132—Helen Etta MacKinnon	Whitney Pier	Cape Breton.
133—Katie Martin	Sydney	Cape Breton.
134—Doris Gwendolyn Veinotte	Blackhouse	Lunenburg.
135—Florence Nightingale Johnston	Brookfield	Colchester.
136—Marjorie Britton McCully	Truro	Colchester.
137—Catherine Campbell Martin	Sydney	Cape Breton.
138—Sadie May McNamara	Halifax	Halifax.
139—Jerrine Margaret Gleeson	Halifax	Halifax.
140—Muriel Curtis Secord	Amherst	Cumberland.
141—Ida Mary Dickinson	Fenwick	Cumberland.
142—Sister Teresa Maria (Teresa Roach)	Mt. St. Vincent	Halifax.
143—Josephine MacDonald	Harbor Road	Antigonish.
144—Katie Nicholson	Barachois Harbor	Cape Breton.
145—Gertrude Lillian Murphy	St. Peters	Richmond.
146—Irene Evelyn Warner	Halifax	Halifax.
147—May Leontine Chase	Sheffield Mills	Kings.
148—Alexander MacDonald	Fraser's Mills	Antigonish.
149—Lilla Isabel Maxwell	Glenholm	Colchester.
150—Mary Augusta Hunter	Oxford	Cumberland.
151—Ray Lloyd Coldwell	New Waterford	Cape Breton.
152—Mary Caroline Self	Canso	Guysboro.
153—Agnes Gertrude Donahoe	Halifax	Halifax.
154—Nellie LeDrew	Riversdale	Lunenburg.
155—Marguerite Irene Smith	Nictaux Falls	Annapolis.

### "C" SECOND CLASS, 1916.

223—Daphone de Guyon Smythe	Lockport	Shelburne.
224—Hilda May Allen	Yarmouth	Yarmouth.
225—Mary Julia Hallisey	Halifax	Halifax.
226—Minerva Eliza Dillman	Portaupique	Colchester.
227—Amy Peck Kinnie	Scott's Bay	Kings.
228—Mary Agnes McLellan	Glace Bay	Cape Breton.
229—Leta Cox	Londonderry	Colchester.
230—Margaret Susanne Martel	Mira Gut	Cape Breton.
231—Clara Polley Dillman	Folleigh Lake	Colchester.
232—Irma Belle Campbell	Bay View	Digby.
233—Sadie Rebecca Fullerton	Pugwash	Cumberland.
234—Muriel L. Eaton	So. Waterville	Kings.
235—Bertha Marjorie White	Berwick	Kings.
236—Catherine Mary Baillie	Westville	Pictou.
237—Effie Genevieve Mouzar	Eagle Head	Queens.
238—Mark Edward Murphy	Antigonish	Antigonish.
239—Annie Poirier	D'Escousse	Richmond.
240—Elizabeth Clevelina Littlewood	Ingomar	Shelburne.
241—Sarah Elizabeth Houston	Halifax	Halifax.
242—Evelyn May Parks	La Have	Lunenburg.
243—Grace Tabor	Springhill	Cumberland.
244—Hattie May Barkhouse	New Minas	Kings.
245—Hazel Dora Young	Fox Point	Lunenburg.
246—Marie Lea Robichand	Hectanooga	Digby.
247—Gertrude Mabel Casey	Mosherville	Hants.



248—Jean Mary Pothier.....	Yarmouth.....	Yarmouth.
249—Helena Blackadar Durkee.....	South Ohio.....	Yarmouth.
250—Florence Emma Smith.....	Up. Falmouth.....	Hants.

“C” SECOND CLASS, 1917.

1—Gertrude Marie Healy.....	Halifax.....	Halifax.
2—Nellie Amelia Yorke.....	Parrsboro.....	Cumberland.
3—Joseph Henry Digout.....	Cannes.....	Richmond.
4—Esther Margaret Drysdale.....	Walton.....	Hants.
5—Mary Catherine MacDougall.....	Broad Cove Banks.....	Inverness.
6—Bessie Vonetta Spinney.....	Coldbrook.....	Kings.
7—Marie Theresa Duffy.....	Parrsboro.....	Cumberland.
8—Hanna Rose MacKay.....	Baddeck Center.....	Victoria.
9—Allan Dougald Cameron.....	Fairmount.....	Antigonish.
10—Annie Agnes MacIvor.....	Estmere.....	Victoria.
11—Elizabeth Clevelina Littlewood.....	Ingomar.....	Shelburne.
12—Josephine Teresa Treffry.....	Brooklyn.....	Yarmouth.
13—Annie Cecilia Murphy.....	Halifax.....	Halifax.
14—Catherine Cahill.....	Inverness.....	Inverness.
15—Minnie Gillis.....	Woodbine.....	Cape Breton.
16—Oressa Louise Black.....	Amherst.....	Cumberland.
17—Marion Fiske Locke.....	Lockeport.....	Shelburne.
18—Theora Winnifred Randall.....	N. Kemptville.....	Yarmouth.
19—Clara Jane Sampson.....	Poullamon.....	Richmond.
20—Timothy Abraham Fougere.....	Halifax.....	Halifax.
21—Lilian Gertrude Stewart.....	Mulgrave.....	Guysboro.
22—Elizabeth May Morton.....	Jordan Falls.....	Shelburne.
23—Margaret Gray Munro.....	Scotsburn.....	Pictou.
24—Mary Rose Doucette.....	Quinan.....	Yarmouth.
25—Effie May Robinson.....	Walton.....	Hants.
26—Myrtle Sara Ritchie.....	Auburn.....	Kings.
27—Lenna Grace Darling Atwell.....	White Rock.....	Kings.
28—Janie Archibald.....	Sen. Musquodoboit.....	Halifax.
29—Esther Lamella Leslie.....	Spry Bay.....	Halifax.
30—Greta Marion Webber.....	Oyster Pond Jeddore.....	Halifax.
31—Marion Ethel Oliver.....	Meteghan Center.....	Digby.
32—Mabel Lavinia Harpell.....	Wallace Bridge.....	Cumberland.
33—Fannie Vivian MacIntosh.....	Wallace Ridge.....	Cumberland.
34—Gladys Viola Mailman.....	New Albany.....	Annapolis.
35—Hattie May Wheelock.....	Bridgetown.....	Annapolis.
36—Max Miller Munro.....	Bridgetown.....	Annapolis.
37—Grace Evelyn Kaulback.....	Conquerall Mills.....	Lunenburg.
38—Rachael Joan MacDermid.....	Middle River.....	Victoria.
39—Gladys Olivia Newcombe.....	Port Williams.....	Kings.
40—Fedora Mary Saulnier.....	Mavilette.....	Digby.
41—Mary Alberta O’Toole.....	St. Peters.....	Richmond.
42—Lily Boutilier.....	Caledonia Mines.....	Cape Breton.
43—Anna Dora Violet Corkum.....	Port Bickerton.....	Guysboro.
44—Margaret Jane Sutherland.....	Pine Tree.....	Pictou.
45—Florence MacLennan.....	River John.....	Pictou.
46—Helen Grant Thomson.....	Pictou.....	Pictou.
47—Elizabeth Harvey.....	Wolfville.....	Kings.
48—Annie Johnstone.....	Leitche’s Creek.....	Cape Breton.
49—Mary Christina MacIver.....	Lr. Middle River.....	Victoria.
50—Georgia Elspith McCabe.....	River Phillip.....	Cumberland.
51—Bessie Estell MacGowan.....	Beech Hill Farms.....	Queens.
52—Wilfred St. Clair Hiltz.....	Martin’s River.....	Lunenburg.
53—Oda Theodora Bushen.....	West Dublin.....	Lunenburg.
54—Ella May Naugler.....	Dayspring.....	Lunenburg.
55—Ella Marie Anderson.....	Chapman Settlement.....	Cumberland.
56—Mildred Amelia Creelman.....	Portaupique.....	Colchester.
57—Marguerite Blanche Oliver.....	Weymouth.....	Digby.
58—Grace Darling MacKay.....	Sandy Cove.....	Digby.
59—Florence Anastasia Miller.....	Giants’ Lake.....	Guysboro.

60—Mary Margaret Cameron.....	St. Peters.....	Richmond.
61—Mary Luetta Conrad.....	Dayspring.....	Lunenburg.
62—Dora Vance.....	Masstown.....	Colchester.
63—Elva Marguerite Vincent.....	Tatamagouche.....	Colchester.
64—Mabel Jane Irving.....	Shubenacadie.....	Hants.
65—Greta May McEllinney.....	Glenholme.....	Colchester.
66—Mabel Freda Fuller.....	Truro.....	Colchester.
67—Catherine Margaret McInnis.....	West Bay.....	Inverness.
68—Elizabeth Atchison Woodworth.....	Milford Station.....	Hants.
69—Minnie Dunn Anthony.....	Kennetcook Cor.....	Hants.
70—Florence Swinburne Kent.....	Stewiacke.....	Colchester.
71—Alice Marguerite Crouse.....	Brookfield.....	Colchester.
72—Ruth Ann Sanford.....	Coldbrook.....	Kings.
73—Mary Alberta Creemer.....	Greenwood.....	Kings.
74—Barbara Annie Fraser.....	McLellan's Mountain.....	Pictou.
75—Hazel Jean Chalmers.....	West New Annan.....	Colchester.
76—Mary Bertha Ahern.....	Havre Bouche.....	Antigonish.
77—Emma Geneviene Ahern.....	Havre Bouche.....	Antigonish.
78—Mabel Catherine Lynch.....	Nuttby.....	Colchester.
79—Jean Evelyn Fisher.....	Newton Mills.....	Colchester.
80—Hughena May Johnston.....	Up. Barney's River.....	Pictou.
81—Minerva Grace Smith.....	Athol.....	Cumberland.
82—Laura Jane Buckler.....	Dalhousie West.....	Annapolis.
83—Anna Willard MacNeil.....	Forks, Baddeck.....	Victoria.
84—Martha MacNeill.....	Red Island.....	Richmond.
85—Ora Willena Hawkins.....	Pleasant Point.....	Halifax.
86—Elizabeth Muriel Tucker.....	Tatamagouche Mt.....	Colchester.
87—Florence Nightingale Johnston.....	Brookfield.....	Colchester.
89—Bessie Eleanor Elliott.....	River John.....	Pictou.
90—Annabel Mary Watt.....	Trenton.....	Pictou.
91—Kathleen Vivian Sanford.....	Up. Falmouth.....	Hants.
92—Emma Carrol Bryson.....	Truro.....	Colchester.
93—Wilfred Walter Glencross.....	Country Harbor Mines.....	Guysboro.
94—Katherine Anna MacPherson.....	Lakedale.....	Guysboro.
95—Margaret Laura Blair.....	Laggan.....	Pictou.
96—Ethel Marie Wharton.....	Beech Meadows.....	Queens.
97—Sister Marie de Chantal (Marie de Chantal Brown).....	Mt. St Vincent.....	Halifax.
98—Emillie Annie d'Entremont.....	West Pubnico.....	Yarmouth.
99—Jessie Marguerite Amiro.....	Md. W. Pubnico.....	Yarmouth.
100—Sister Agnes Columba (Mary Ann Bond).....	Mt. St. Vincent.....	Halifax.
101—Mabel Kathleen Courtney.....	Shubenacadie.....	Colchester.
102—Reba Edith Hennesy.....	Truro.....	Colchester.
103—Gladys Mae Aitchison.....	Tatamagouche.....	Colchester.
104—Antoinette Gertrude Hurst.....	Canso.....	Guysboro.
105—Lauchlina MacLeod.....	St. Rose.....	Inverness.
106—Dorothy Ruth Morrell.....	Freeport.....	Digby.
107—Annie MacEachen.....	W. Merigomish.....	Pictou.
108—Sister Frances DeSales (Marie Josephine Kelly).....	Mt. St. Vincent.....	Halifax.
109—Sister Frances d'Assisi (Margaret A. McCarthy).....	Mt. St. Vincent.....	Halifax.
110—Maude Catherine Hennesy.....	Port Hawksbury.....	Inverness.
111—Mary Agnes McLennan.....	Inverness.....	Inverness.
112—I aurie Stewart.....	Lapland.....	Lunenburg.
113—Reta Geraldine Nickerson.....	Pubnico Beach.....	Shelburne.
114—Jennie Ethel Brown.....	Eastville Up. Stewiacke.....	Colchester.
115—Alice Emma Bruce Irving.....	Pictou.....	Pictou.
116—Samuel Emerson Thurber.....	Freeport.....	Digby.
117—Rheta Eliza Wilkie.....	Pentz.....	Lunenburg.
118—Perle Taylor Morrison.....	Gabarus.....	Cape Breton.
119—Nellie Christina Fraser.....	Sydney Mines.....	Cape Breton.
120—Sadie O'Keefe.....	Glace Bay.....	Cape Breton.
121—Cassie Anna Martin.....	Orangedale.....	Inverness.

122—	Bella May Austen	Margaree	Inverness.
123—	Jessie May Gillis	Broad Cove Marsh	Inverness.
124—	Catherine Christy Austen	Frizzleton	Inverness.
125—	Katherine Margaret MacIsaac	Lakedale	Guysboro.
126—	Hilda May Douglas	Truro	Colchester.
127—	Bernice Millicent Yvonne Messenger	Kingston	Kings.
128—	Ada Lelia Barnhill	Onslow Station	Colchester.
129—	Muriel Annis Cann	Carleton	Yarmouth.
130—	Mabel Christina MacInnis	Ballantyne's Cove	Antigonish.
131—	Effie Helena Victoria Stevens	E. Chester	Lunenburg.
132—	Catherine Isabel MacLeod	The Falls	Colchester.
133—	Lillian Maud Lingard	Tennecape	Hants.
134—	Mary Grace Walley	Newport	Hants.
135—	Winnifred Grace Wilson	Springhill	Cumberland.
136—	Ethel Henderson	Avonport	Kings.
137—	Marion Fraser Williams	Great Village	Colchester.
138—	Harriett Agnes Allen	Sydney Mines	Cape Breton.
139—	Marion Simonson Trask	Mira Gut	Cape Breton.
140—	Mabel Elizabeth MacNeill	Whitney Pier	Cape Breton.
141—	Peter MacDonald	Fraser's Mills	Antigonish.
142—	Katherine McNeil	Glace Bay	Cape Breton
143—	Benedict McClarty Matheson	Halifax	Halifax.
144—	Catherine Rebecca MacQuarrie	Dartmouth	Halifax.
145—	Margaret Elizabeth Dominey	Windsor	Hants.
146—	Edith Lucy MacInnes	Sheet Harbor	Halifax.
147—	Elsie Waugh	Truro	Colchester.
148—	Helen Louise Clarke	Joggin Mines	Cumberland.
149—	Beatrice I. Penny	Sydney	Cape Breton.
150—	Jane Hazel Campbell	Inverness	Inverness.
151—	Evelyn Reta Forsythe	Kentville	Kings.
152—	Archie Dan MacKinnon	Kirkwood	Inverness.
153—	Eileen Sara Boyle	Sydney	Cape Breton.
154—	Roberta MacDonald	W. Merigomish	Pictou.
155—	Mary Edith Smith	Glenholm	Colchester.
156—	Minnie Lee Hines	Digby	Hants.
157—	Evelyn M. Schofield	Newport Road	Hants.
158—	Millie Sara Baker	Bars's Corner	Lunenburg.
159—	Eva Dell McCulloch	Denmark	Colchester.
160—	Helen Willena Stephen	Neil's Harbor	Victoria.
161—	Amy Clara Louise Himmelman	Rose Bay	Lunenburg.
162—	Katherine Florence Ray	Lattie's Rock	Hants.
163—	Mary Maria MacDougall	West Gore	Hants.
164—	Elizabeth Clevelina Littlewood	Ingomar	Shelburne.
165—	Verna Bonita Nickerson	Lr. Woods Harbor	Shelburne.
166—	Lela Evelyn Wile	Hemford	Lunenburg.
167—	Jennie Helen Lomar	Halifax	Halifax.
168—	Jessie Belle McDougall	Margaree Forks	Inverness.
169—	Jennie Cecelia MacDonald	S. W. Margaree	Inverness.
170—	Mary Marjory McDonald	Antigonish	Antigonish.
171—	Sr. M. Jeromina (C. Campbell)	Mt. St. Vincent	Halifax.
172—	Mary Margaret McDonald	Fraser's Mills	Antigonish.

“D” THIRD CLASS, 1916.

287—	Lavinia Addean MacLellan	Port Bickerton	Guysboro.
288—	Mary Maud Elgina Shannon	Whiteside	Richmond.
289—	Evelyn Rosella Mosher	Italy Cross	Lunenburg.
290—	Katherine MacDonald	Little Harbor	Pictou.
291—	Margaret Beatrice Starr Parker	Clementsport	Annapolis.
292—	Bertha May Smith	New Yarmouth	Cumberland.
293—	Geraldine R. MacKay	Lt. Port La Hebert	Shelburne.
294—	Earl Archibald Mersey	Lunenburg	Lunenburg.
295—	Ora Grace Rockwell	Brookfield	Colchester.
296—	Ora Odella Backman	Chester Basin	Lunenburg.
297—	Catherine Hazel MacKenzie	Centerdale	Pictou.

298—Annie Cecilia Murphy	Halifax	Halifax.
299—Melva Ross	Blue Mountain	Pictou.
300—Helen Mary MacKay	River John	Pictou.
301—Edith Blanche Burns	Sonora	Guysboro.
302—Iona Grace Wamback	New Cumberland	Lunenburg.
303—Bessie Cohen	Glace Bay	Cape Breton.
304—Mary Isabella O'Brien	Joggin Mines	Cumberland.
305—Pearl Melinda Parker	So. Farmington	Annapolis.
306—Annie Isabella Graham	Judique	Inverness.

"D" THIRD CLASS, 1917.

1—Gladys Jean MacKinnon	Highfield	Hants.
2—Evelyn Higgins Harris	Windsor	Hants.
3—Ada Margaret Walsh	McGrath Cove	Halifax.
4—Hazel Clemency Williams	Lydgate	Shelburne.
5—Pauline Bernice Slaughterwhite	Cross Island	Lunenburg.
6—Hazel Blanche Whidden	Onslow Mountain	Colchester.
7—Mossie Belle Gardiner	Port Mouton	Queens.
8—Margaret Abbie Robertson	Port Joli	Queens.
9—Nettie Florence Smith	Hunts Point	Queens.
10—Janet Marie Hatfield	Springhaven	Yarmouth.
11—Mary Genevieve Sears	Parrsboro	Cumberland.
12—Annie Margaret MacEachern	W. Tatamagouche	Colchester.
13—Sarah Grant MacDonald	Stellarton	Pictou.
14—Mabel Wilder Hebb	West Clifford	Lunenburg.
15—Mary Joanita Poirier	D'Escousse	Richmond.
16—Zaidie Fraser Stoddard	Clam Harbor	Halifax.
17—Lettie Myrtle Smith	Amherst	Cumberland.
18—Annie Elizabeth Deal	Mic Mac Mines	Lunenburg.
19—Daisy Evelyn Van Amburgh	Oxford	Cumberland.
20—Rosie Teresa Burke	Little Lorraine	Cape Breton.
21—Florence Irene Morrison	Port Hood Island	Inverness.
22—Annie Endoria Hopkins	Halifax	Halifax.
23—Johanna Catherine Doyle	Whiteside	Richmond.
24—Carmen Dorothy Eisner	Chester	Lunenburg.
25—Mary Cassie MacQuarrie	St. Rose	Inverness.
26—Elizabeth Christina Gunn	E. River St. Marys	Pictou.
27—Bernetta May Holloran	Guysboro	Guysboro.
28—Emma Grace Watts	Port Hood	Inverness.
29—Lillian Anna Cameron	Pictou	Pictou.
30—Mary Lillian Driscoll	Glace Bay	Cape Breton.
31—Anna St. Clair Creighton	Halifax	Halifax.
32—Alma Ann Sheridan	Admiral Rock	Hants.
33—Jessie Isabel Fraser	McPhersons Mills	Pictou.
34—Sister Marie Celeste (Louise E. Melanson)	Mount St. Vincent	Halifax.
35—Helen Beatrice Chapman	Amherst	Cumberland.
36—Marion Mabel McClelland	Deep Brook	Annapolis.
37—Helen May Randall	Annapolis Royal	Annapolis.
38—William Daniel MacKenzie	Ball's Creek	Cape Breton.
39—Theresa Jane Broussard	Pomquet	Antigonish.
40—Rachael Susannah Isabel Verner	Louisburg	Cape Breton.
41—Wylie Ethelbert Poole	Up. Granville	Annapolis.
42—Jessie Marguerite Amiro	Middle W. Pubnico	Yarmouth.
43—Hattie Sophia Kempton	Caldedonia	Queens.
44—Emily Mildred Keddy	Mahone Bay	Lunenburg.
45—Reta Geraldine Nickerson	Pubnico Beach	Shelburne.
46—Sylvia Winifred Fulton	Great Village	Colchester.
47—Vera Hazel Wagner	Cent. Port Mouton	Queens.
48—Marie Frances Macdonald	Big Tracadie	Antigonish.
49—Alice Romaine Slack	Londonderry Station	Colchester.
50—Letitia Mildred McGill	Nuttby	Colchester.
51—Violet Edna Foster	Mattatall Lake	Colchester.
52—Louise Jessie Hiltz	Kentville	Kings.

53—	Blanche Mildred Hamilton.....	Brookfield.....	Colchester.
54—	Nellie Meta Wright.....	Elmsdale.....	Hants.
55—	Bertha Willeta Churchill.....	Darlings Lake.....	Yarmouth.
56—	Agnes Gertrude Donahoe.....	Halifax.....	Halifax.
57—	Vera Huntington Knox.....	Mossman's Grant.....	Lunenburg.
58—	Vera Gould Goreham.....	Yarmouth.....	Yarmouth.
59—	Ernest Currie Pace.....	Glen Margaret.....	Halifax.
60—	Mabel Leone Custance.....	Up. Rawdon.....	Hants.
61—	James William Chisholm.....	Heatherton.....	Antigonish.
62—	Clara Webster Beattie.....	Blue Sea Corner.....	Cumberland.
63—	Britta Canfield.....	Wallace.....	Cumberland.
64—	Otta Glendon Parsons.....	Port Greville.....	Cumberland.
65—	Myrtle Erna Gilbert.....	Parrsboro.....	Cumberland.
66—	John Murdock Fraser.....	Westville.....	Pictou.
67—	Mabel Jessie Murray.....	Pictou.....	Pictou.
68—	Ella MacDonald.....	Malagawatch.....	Inverness.
69—	Margaret Muriel MacWilliam.....	Stellarton.....	Pictou.
70—	Mary Hazel Geddes.....	South Maitland.....	Hants.
71—	Florence MacKenzie.....	Lockeport.....	Shelburne.
72—	Mary Muriel Cottam.....	East Folly Mt.....	Colchester.
73—	Mabel Ruth Whitford.....	Chester.....	Lunenburg.
74—	Mary Bent Crooker.....	South Brookfield.....	Queens.
75—	Margaret Jean MacQuarrie.....	North Brookfield.....	Queens.
76—	Violet Ruth Mullett.....	Canning.....	Kings.
77—	Ralph Roland Harlow.....	North Brookfield.....	Queens.
78—	Catherine Cameron Colquhoun.....	Halifax.....	Halifax.
79—	Viola May Nelson.....	Tatamagouche.....	Colchester.
80—	Muriel Alice Zinck.....	Lunenburg.....	Lunenburg.
81—	Martha MacIsaac.....	Springhill.....	Cumberland.
82—	Jewell Murdena Belle Murray.....	Springhill.....	Cumberland.
83—	Ruby Cecelia McLaughlin.....	Springhill.....	Cumberland.
84—	Belle Marie Siddall.....	Oxford.....	Cumberland.
85—	Matilda K. Black.....	Oxford.....	Cumberland.
86—	Helen Ola Belle Stewart.....	Oxford.....	Cumberland.
87—	Sister Marie Alexius (Marcella Teresa Kelduff).....	Mt. St. Vincent.....	Halifax.
88—	Sister Marion Vincent (Mary Leonida White).....	Mt. St. Vincent.....	Halifax.
89—	Sister Marianta (Mary Blanche MacDonald).....	Mt. St. Vincent.....	Halifax.
90—	Sister Maria Mercedes (Teresa Elizabeth O'Donnell).....	Mt. St. Vincent.....	Halifax.
91—	Laura Hilda Hogan.....	North Weymouth.....	Digby.
92—	Lena Beatrice Foster.....	Lawrencetown.....	Annapolis.
93—	Evelyn Verlie Marie Chapman.....	Fort Lawrence.....	Cumberland.
94—	Eva Katherine Fogarty.....	Hazel Hill.....	Guysboro.
95—	Georgina Rebecca Ripley.....	Amherst.....	Cumberland.
96—	Mary Frances O'Hara.....	Isaac's Harbor.....	Guysboro.
97—	Anna Teresa Stewart.....	Mulgrave.....	Guysboro.
98—	Jennie Lenora Hitchens.....	Barr. Passage.....	Shelburne.
99—	Laura Isabel Davison.....	Halfway River Station.....	Cumberland.
100—	Esmeralda Hilchie.....	Port Dufferin.....	Halifax.
101—	Christine Esther MacPherson.....	New Gairloch.....	Pictou.
102—	Kathleen Ruth O'Regan.....	Dartmouth.....	Halifax.
103—	Margaret Isabel Burns.....	Lunenburg.....	Lunenburg.
104—	Ruby Sophia Evans.....	Chester.....	Lunenburg.
105—	Margaret Evans Robinson.....	Chester.....	Lunenburg.
106—	Mary Lena Fisher.....	Somerset.....	Kings.
107—	Beryl Mildred Corkum.....	E. Midd. La Have.....	Lunenburg.
108—	Clarice Allen Corkum.....	E. Midd. La Have.....	Lunenburg.
109—	Muriel Annetta Hunt.....	Greenfield.....	Queen.
110—	Lucy L. Kravis.....	Halifax.....	Halifax.
111—	Melissa Fraser.....	Up. Musquodoboit.....	Halifax.
112—	Anna May Deckman.....	Elmsdale.....	Halifax.

113—Sarah May Blumer.....	Glenholme.....	Colchester.
114—Eva Bessie MacKay.....	Jordon Branch.....	Shelburne.
115—Anna Belle Rutherford.....	Up. Stewiacke.....	Colchester.
116—Mamie Alma Robinson.....	Great Village.....	Colchester.
117—Aletha Maude Harvie.....	Noel Road.....	Hants.
118—Katherine Blair.....	Waugh's River.....	Colchester.
119—Violet Teresa Seaboyer.....	Lockport.....	Shelburne.
120—Theresa Coady.....	Margaree Forks.....	Inverness.
121—Harold DeMille Ward.....	Prince Albert.....	Annapolis.
122—Victoria Louise Alice Reid.....	Up. Musquodoboit.....	Halifax.
123—Eva Martha Scott.....	Guysboro.....	Guysboro.
124—Bernice Arlene Sproule.....	Falkland Ridge.....	Annapolis.
125—Ethel Marquerite Hubley.....	Clementsport.....	Annapolis.
126—Edith Catherine Lockhart.....	Lr. Stewiacke.....	Colchester.
127—Minnie Myrtle Durning.....	Five Islands.....	Colchester.
128—Lelia Catherine MacKay.....	New Glasgow.....	Pictou.
129—Olive Irene Banks.....	Torbrook.....	Annapolis.
130—Elizabeth Lavinia McCallum.....	McCallum Settlement.....	Colchester.
131—Margaret Isabel Cameron.....	Chance Harbor.....	Pictou.
132—Gertrude Isabel Woodworth.....	Noel.....	Hants.
133—Lucy Hall Longmire.....	Granville Ferry.....	Annapolis.
134—Elizabeth Chisholm.....	Moose River.....	Pictou.
135—Margaret Gilham Huddart.....	New Glasgow.....	Pictou.
136—Seretta May Crosscup.....	Bear River.....	Annapolis.
137—Muriel Josephine Miller.....	Bridgetown.....	Annapolis.
138—Annie Muir.....	Westville.....	Pictou.
139—Sister Maria Patricia (Mary Gertrude Power).....	Mt. St. Vincent.....	Halifax.
140—Sister Vincent Marie (Jessie Frances O'Donnell).....	Mt. St. Vincent.....	Halifax.
141—Iris Mary Berridge.....	Claremont.....	Cumberland.
142—Bessie Pauline Hume.....	Chester.....	Lunenburg.
143—Amy Matilda Zink.....	Mahone.....	Lunenburg.
144—Pearl Violet Jessie Publicover.....	Blanford.....	Lunenburg.
145—Leah Beryl Maxner.....	Lunenburg.....	Lunenburg.
146—Bessie May Loughhead.....	Old Barns.....	Colchester.
147—Mary Edith Hayden.....	Jordan Falls.....	Shelburne.
148—Laura May Veinott.....	Aylesford.....	Kings.
149—Evoina Viola English.....	Kentville.....	Kings.
150—Annie MacIver.....	South Cove.....	Victoria.
151—Archibald Neil MacIver.....	South Cove.....	Victoria.
152—Ida Leone Naugler.....	Dayspring.....	Lunenburg.
153—Ruby Florence Corkum.....	Chester Basin.....	Lunenburg.
154—Lela Ione Herman.....	Lunenburg.....	Lunenburg.
155—Katherine Florence Ray.....	Lattie's Brook.....	Hants.
156—Lizzie Catherine Morris.....	Spencer's Island.....	Cumberland.
157—William Bernard McLellan.....	Margaree Harbor.....	Inverness.
158—Myrtle Agatha Devine.....	Joggin Mines.....	Cumberland.
159—Marjorie Gould Robertson.....	Fox Harbor.....	Cumberland.
160—Helen Edith Joncas.....	Port Hawkesbury.....	Inverness.
161—Warren R. Ettinger.....	Kennetcook Cor.....	Hants.
162—Pearl Laurena Conrad.....	East Chester.....	Lunenburg.
163—Alice Eleanor Boyle.....	Afton P. O.....	Antigonish.
164—Elsie Norma Stewart.....	Up. Musquodoboit.....	Halifax.
165—Theora Chester Corkum.....	Chester Basin.....	Lunenburg.
166—Glennie Etoil Margaret Ernst.....	Blockhouse.....	Lunenburg.
167—Muriel Eliza Dorothy Hiltz.....	Martin's River.....	Lunenburg.
168—Mabel Maude Sabean.....	Waterford.....	Digby.
169—Hugh Allen Dunn.....	Antigonish Harbor.....	Antigonish.
170—Ethel May Jefferson.....	Annapolis Royal.....	Annapolis.
171—Frederick Ferguson.....	Louisburg.....	Cape Breton.
172—Bessie McIsaac.....	Whitney Pier.....	Cape Breton.
173—Christina Agnes MacDonald.....	Louisburg.....	Cape Breton.
174—Elizabeth Ann MacKinnon.....	Beaver Cove.....	Cape Breton.
175—John Fraser Morrison.....	Hillside.....	Cape Breton.

176	Catherine Gallagher	Whitney Pier	Cape Breton.
177	Mary McIsaac	Whitney Pier	Cape Breton.
178	Mary Agnes Dunne	Sydney Mines	Cape Breton.
179	Mary Hester Young	Belle Isle	Annapolis.
180	Annie Marie MacDougall	Troy	Inverness.
181	Muriel Cameron	Mt. Thom.	Pictou.
182	Annabel Maxwell	Hedgeville	Pictou.
183	Janet Agnes Chisholm	New Glasgow	Pictou.
184	Velma Una Shortliffe	Milford	Hants.
185	Hannah Florence Russell	Estmere	Victoria.
186	Mary Agnes MacDonald	Sc. W. Margaree	Inverness.
187	Hazel Vera Darragh	Shinimicas Bridge	Cumberland.
188	Laura Marguerite Clarke	Pugwash	Cumberland.
189	Eva Mary Dimock	Newport	Hants.
190	Anna Cameron Starrett	Portaupique	Colchester.
191	Greta Elizabeth McNutt	DeBert Station	Colchester.
192	Mary Elizabeth Webster	Cambridge Station	Kings.
193	Irva May Webber	Oyster Pond	Halifax.
194	Beulah Irene Mullen	Hillview	Yarmouth.
195	Esther Lillian MacKichan	Cleveland	Richmond.
196	Elizabeth Jean Hegan	Bass River	Colchester.
197	Gladys Pratt	Shubenacadie	Hants.
198	Ella Rebecca Siteman	Lr. Ship Harbor	Halifax.
199	Laura Adelaide Siteman	Lr. Ship Harbor	Halifax.
200	Agnes Marion Murray	Earltown	Colchester.
201	Mary Marion MacDougall	West Gore	Hants.
202	Louisa Mabel Naas	Mid. Cornwall	Lunenburg.
203	Mabel Corali Brown	Melvorn Square	Annapolis.
204	Laura Gertrude Cameron	Bridgetown	Annapolis.
205	Hazel Annie Selig	Bridgewater	Lunenburg.
206	Mary Matilda Hicks	Liverpool	Queens.
207	Zelma Leletta Young	Blandford	Lunenburg.
208	Florence Augusta Rogers	New Grafton	Queens.
209	Edith Irene Freeman	Caledonia	Queens.
210	Naomi Beatrice Chute	Caledonia	Queens.
211	Florence Evelyn Outhouse	Tiverton	Digby.
212	Marion Morse Harvey	Port William	Kings.
213	Una Giralda Evangeline Jenkins	Up. Burlington	Hants.
214	Madge Alice Daniels	Windsor	Hants.
215	Emma Mae Foster	Springhill	Cumberland.
216	May Belle Gordon	Oxford	Cumberland.
217	Eva Mary Gates	Burlington	Hants.
218	Elizabeth Irene Macaulay	Victoria Mines	Cape Breton.
219	Ella May MacKenzie	Pictou	Pictou.
220	Edna Hazel MacKenzie	Pictou	Pictou.
221	Alice Louise Boutilier	Stellarton	Pictou.
222	Olive Reid	Westville	Pictou.
223	Jean Blackwood Dick	Westville	Pictou.
224	Annie Catherine Sutherland	Westville	Pictou.
225	Lavinia Millicent V. Colburn	Scotsburn	Pictou.
226	Margaret MacMaster	Pugwash	Cumberland.
227	Inez Dove Brown	Long Point	Inverness.
228	May Helena Kent	North Port	Cumberland.
229	Mary Anne Wilson	Cooks Brook	Halifax.
230	Greta Kathryn Cox	Tatamagouche	Colchester.
231	Robert Dickson Roach	Tatamagouche	Colchester.
232	Edith Alma Embree	Tatamagouche	Colchester.
233	Emma Mae Foster	Springhill	Cumberland.
234	Nellie Odessa King	Springhill	Cumberland.
235	Alberta Cornelia Bower	Springhill	Cumberland.
236	Olwen Gertrude Jones	Lower Ohio	Shelburne.
237	Vina Mary Mills	Springhill	Cumberland.
238	Grace Kathleen Brownell	Shinimicas Bridge	Cumberland.
239	Grace Kathleen Pettigrew	Shinimicas Bridge	Cumberland.
240	Carrie Ann Tobin	Parrsboro	Cumberland.
		Whitney Pier	Cape Breton.

241—William Boyd MacOdrum	Mineral Rock	Cape Breton
242—Christine MacKenzie	Louisburg	Cape Breton
243—Edith Marie Latham	Central Port Mouton	Queens
244—Ethel Lela Tanner	Lunenburg	Lunenburg
245—Hazel Mae White	Berwick	Kings
246—Louise Mildred Baker	New Cumberland	Lunenburg
247—Mary McNeil	Lanark	Antigonish
248—Catherine Ann Nicholson	Barachois Harbor	Cape Breton
249—Bertha Helena Curry	Mt. Denson	Hants
250—Hazel Jean Rafuse	Martin's Point	Lunenburg
251—Elmira Elsie Smith	Necum Teuch	Halifax
252—Mary Marjorie MacDonald	Antigonish	Antigonish
253—Winnifred Elizabeth Conroy	Middle Stewiacke	Colchester
254—Catherine Jane Logan	Murphyville	Halifax
255—Janet Carlyle	Stake Road	Cumberland
256—Effie May Seamore	Stanley Section	Lunenburg
257—Hazel Marguerite Smith	Lunenburg	Lunenburg
258—Edith Alma Embree	Springhill	Cumberland
259—Nellie Odessa King	Springhill	Cumberland
260—George Lamont Stronach	Melvorn Square	Annapolis
261—Charles Parker Stronach	Melvorn Square	Annapolis
262—Dorothy Agatha Morton	Jordan Falls	Shelburne
263—Annabel Hamilton	Up. Musquodoboit	Halifax
264—Effie Viola Rutledge	Sheet Harbor	Halifax
265—Nora Ethel Gates	Head Chezzetcook	Halifax
266—Marion Nellie Cecelia MacKay	W. Earltown	Colchester
267—Clara E. Daye	Head Jeddore	Halifax
268—Ethel Merle Murphy	Center Rawdon	Hants
269—Mary Ellen Walsh	Fairmont	Antigonish
270—Mabel Angelina Gunn	Meadowville	Pictou
271—Florence Ann MacDonald	Pictou Island	Pictou
272—Edith Elizabeth Andrews	Stellarton	Pictou
273—Margaret Josephine Gillis	Morar	Antigonish
274—Herbert A. Henson	Bridgetown	Annapolis
275—Annie Augusta Morton	White's Corner	Kings
276—Freda Kathleen Bishop	Round Hill	Annapolis
277—Jean Clarice Cochran	Windsor	Hants
278—Jessie Catherine MacKenzie	Sydney	Cape Breton
279—Dora Leslie Spencer	Birch Grove	Cape Breton
280—Laura May Boutilier	Caledonia Mines	Cape Breton
281—James Edward MacArthur	Up. Grand Mira	Cape Breton
282—Janet Beryl Reinhardt	Beach Meadows	Queens
283—Ella May Zinck	Barss Corner	Lunenburg
284—Mary Ellen Fraser	Milton	Queens
285—Daisy Myrtle Rebecca Petrie	Lunenburg	Lunenburg
286—Anna Elizabeth MacDonald	Inverness	Inverness
287—Mary Jane MacCormack	Grantville	Richmond
288—Mildred Louise Romkey	Lr. La Have	Lunenburg
289—Neva Annie MacLeod	Pugwash Junction	Cumberland
290—Marjorie McEachern	Broad Cove Chapel	Inverness
291—Jessie Robina MacDonald	Cains Mountain	Victoria
292—Christy Nicholson	Bucklaw	Victoria
293—Annie Jane McDougall	Margaree Harbor	Inverness
294—Almira Ellen Ward	River Hebert	Cumberland
295—Vera Irene Mosher	Parrsboro	Cumberland
296—Mary Bray	Copper Lake	Antigonish
297—Mary Agnes Reeves	Thorburn	Pictou
298—Nina Selby Meister	New Ross	Lunenburg
299—Owen Louis Croft	Chester Basin	Lunenburg
300—Nellie Verna Lewis	Five Islands	Colchester
301—Isabel Elizabeth MacKay	Earltown	Colchester
302—Elsie Louise Reynolds	Jordan Branch	Shelburne
303—Hattie Winnifred Holmes	Beaver River	Yarmouth
304—Hilda MacKinnon	Sydney	Cape Breton
305—Rita Baker	Whitney Pier	Cape Breton



306—	Amy Gertrude Nicholl.....	Mira Gut.....	Cape Breton.
307—	Harry James Knickle.....	Blue Rock.....	Lunenburg.
308—	Glays Jean Horton.....	Reynold's.....	Halifax.
309—	Florence May Stewart.....	Elmsvale.....	Halifax.
310—	Florence MacIntyre.....	River Dennis.....	Inverness.
311—	Sara Elizabeth Longley.....	Port Hilford.....	Guysboro.
312—	Annie Jane Hamilton.....	River John.....	Pictou.
313—	Mary Patricia Ryan.....	Smithville.....	Inverness.
314—	Sara MacFarlane.....	Scotsville.....	Inverness.
315—	Dolena Catherine McLeod.....	Port Bevis.....	Victoria.
316—	Florence Watson.....	Prince Albert.....	Annapolis.
317—	Ida May Poole.....	Bridgetown.....	Annapolis.

**DOMESTIC SCIENCE.**

1917.

97—	Grace Parnell Jefferson.....	Truro.....	Colchester.
98—	Bertha Elizabeth Johnston.....	Port Morien.....	Cape Breton.
99—	Clara Caroline Hurst.....	Canso.....	Guysboro.
100—	Mary Louise Starr.....	Port Williams.....	Kings.
101—	Lillian Winifred Baker.....	Yarmouth.....	Yarmouth.
102—	Mary Macdonald (St. St. Veronica).....	Port Hood.....	Inverness.

**MECHANIC SCIENCE.**

1917.

45—	George Holland Hoffman.....	Nictaux Falls.....	Annapolis.
46—	Cleveland Johnson Fraser.....	Parrsboro Shore.....	Cumberland.

**RURAL SCIENCE.**

1917.

162—	Susie Laura Bradley.....	Old Barns.....	Colchester.
163—	Georgie Marguerite Brown.....	Melvorn Square.....	Annapolis.
164—	Ida N. Carver.....	Pictou.....	Pictou.
165—	Lulu Gertrude Cook.....	Bridgewater.....	Lunenburg.
166—	Mrs. Maude N. Farncombe.....	No. Brookfield.....	Queens.
167—	Helen Tupper Kent.....	Truro.....	Colchester.
168—	Alice Evelyn McCulloch.....	Annapolis Royal.....	Annapolis.
169—	Flora MacDonald.....	Baddeck.....	Victoria.
170—	Mary Agnes McLellan.....	Glace Bay.....	Cape Breton.
171—	Nellie A. Matheson.....	River Philip.....	Cumberland.
172—	Lilla Isabel Maxwell.....	Mount Thom.....	Pictou.
173—	Lillian Maria Murdoch.....	Sherbrooke.....	Guysboro.
174—	Vera Mildred Poole.....	Paradise West.....	Annapolis.
175—	Effie Potter.....	Clementsport.....	Annapolis.
176—	Mamie Gertrude Smith.....	Nappan Station.....	Cumberland.
177—	Mary Belle Smith.....	Truro.....	Colchester.
178—	Melda Greta Tibert.....	Freeport.....	Digby.
179—	Elsie Waugh.....	Truro.....	Colchester.
180—	Catherine Louise Whittier.....	Elmsdale.....	Hants.
181—	Marion Fraser William.....	Great Village.....	Colchester.
182—	Ruby Wood.....	Annapolis Royal.....	Annapolis.
183—	Marjorie North.....	Canning.....	Kings.
184—	Edith Wilson.....	Central New Annan.....	Colchester.

## PASS LIST, 1916-1917.

### EVENING TECHNICAL SCHOOLS, NOVA SCOTIA.

[X = Certificate of Merit.]

#### AMHERST.

##### English and Arithmetic—(Winifred Lavers, Instructress).

I—Pte. Almer Avery; Pte. Clarence Mitton. II—Alice Melanson; Ellen Munroe; Pte. Geo. Fullerton. III. Mabel Laurette; Jewell Patriquin; Rae Ottman; Kenneth Purchase; Newton Halfkenny.

##### English and Arithmetic (Advanced)—(J. B. Muise, Instructor).

J. W. McKay, X; James Wass; William Atkinson; Hance Purchase; E. O. Reid; Dorothy White; Russel Atkinson.

##### Bookkeeping, (D. E.)—(J. B. Muise, Instructor).

I.—Arnold Carty, X; Alice Black; Herrick Anthony. II—John Gould.

##### Dressmaking—(Mrs. John Fales, Instructress).

I—Margaret King, X; Mrs. Roland Coates; Ellen Driscoll; Mrs. Carrie Raworth; Jean Cook; Oressa Black; Eva Anthony; Annie Cormier; Mabel Teed; Blanche Smith; Verna White; Mrs. Samuel Moores; Alice White; Elsie Carter. II—Sadie Black; Freda Freeman; Christie Dyjay; Mrs. J. S. Seaman; Mrs. Handsford Crossman.

##### Dressmaking—(Mrs. F. B. Harper, Instructress).

Mrs. Roy Pipes; Mrs. Albert Harlow; Mrs. J. N. Brunton; Mrs. R. Barnes; Mrs. Carl Pipes; Mrs. Owen Duff; Mrs. Annie Bryenton; Mabel McLellan; Grace Black; Ollie McLean, X; Stella Freeman; Rachel Dernier; Marion Secord; Gertrude Spicer.

##### Mechanical Drawing—(W. F. Colchester, Instructor).

T. Cyril Crawshaw, X; Nelson Chapman; Geo. Urquhart; Alex. Ross; Edmund Casey; Geo. Munford; Eddie Burke; Harold Bowser; Thos. Flett; Merton Noiles; Burpee Noiles; Harry McAdam, III year; Harris Coldwell.

##### Gas Engines—(A. S. Larder, Instructor).

Bennie Goldstein; Roy Pipes; Lewis Bird; Frank McClary; Harry W. Barry; Arthur Chapman; Arthur McLellan; Chas. Dearden; Elbert Black; Geo. Donaphy; A. E. Gilkert; Harry Simpson; Geo. Davis; Mrs. Nettie E. Peers, X; Horton Fage.

##### Automobile Engineering—(A. S. Larder, Instructor).

J. F. Budro, X; F. King; Oscar Allen; G. W. Kay; J. E. Taylor; P. W. Rouse; G. F. O'Brien; F. R. Ralston; J. E. Lusby.

**Elementary Electricity—(W. W. Casey, Instructor).**

Albert E. Libby, X; Eric Davidson; Seymour Townshend; Leonard Durant; Claude C. Allen; Samuel Walker.

**Stenography and Typewriting—(Mrs. MacPherson, Instructress).**

Isabel Sinclair, X; Dorothy McKinnon; Mildred Baird; Beatrice Knight; Emelyn Lusby; Gladys Baird; Don. C. Johnson; Dianno Graham; Ella Durant; Helene Lusby; Gladys Canfield.

**Stenography and Typewriting—(Elementary)—(W. Collins, Instructor).**

Hannah Etchells; Pearl Goodwin, (certificate); Pauline Baker; Mary Connell; Gertrude Mahoney; Dora Cormier; Beatrice Graham, (certificate); Myrtle Fielding; Iota Chapman; Mary Cyr; James Lewis; Beatrice Allen; Sarah Seymour; (Advanced) Vera Corney.

**FLORENCE.**

**Dressmaking I—(Mrs. Robina Binnie, Instructress).**

Mrs. J. McEwan; Agnes Mann; Mrs. Harry Lee; Nellie Howarth; Mrs. Thomson; Mrs. John Robertson; Mrs. McEwan.

**TRURO.**

**Dressmaking—(Mrs. H. O. Davis, Instructress).**

I. Margaret Steadman; Gussie Caldwell; Mrs. Geo. Harlow; Winnie Dakin; Gertrude Thompson. II. S. Holmes; Grace Wordworth; Margaret O'Handley; Mrs. W. Cullen; Florence Hill; R. Jackson; Edith Blackmore; Margaret Caldwell; Miss Weatherspoon. III. Christie MacLean; K. McVicar; Ruby Hoare; Agnes Jamieson; V. Holmes; Leota Stevens; Mrs. Dewar; Clara McKinnon; Gertrude Cox.

**D. E. Bookkeeping I—(Roy J. O'Brien, Instructor).**

A. G. Hiltz; Allan Murray; Fred Blois; Mabel McCallum; Mrs. M. E. Conners; Pearl Pratt.

**WESTVILLE.**

**Dressmaking I—(Mrs. J. W. Murray, Instructress).**

Stella Higgins; Annie Sutherland; Liola Ross; Lizzie Allen; Nisbet Saunders; Ivy McKay; Mary MacBean; Mrs. E. Merritt; Agnes Noble; Mrs. Bingham; Mrs. Robert Kerr; Mrs. W. MacPherson; Mrs. W. W. Murray; Mrs. Sidney Macdonald; Eliza McQuarrie; Mary Chisholm; Bertha McKenzie.

**HALIFAX.**

**Preparatory—Richmond—(G. M. Huggins, Instructor).**

Florence Kennedy; Lizzie Kennedy (Certificate); Russell McLellan; Roger Harvey; Charles Andrews; Arthur Perry; Catherine Myra; Carrie Kennedy.

**Preparatory—Alexandra—(F. J. Phelan, Instructor).**

Raymond Cooper (certificate); John Sullivan; Edward Kline; Frank Smith; Albert Ward; William Ronayne; Frank McCready; William Redmond; William O'Neill; Douglas Oxner; May Johnson; Daniel Young; Michael Power; Norman Reid; Irene Ryan; Eva Ward.

**Preparatory—Bloomfield—(D. M. Matheson, Instructor).**

Reid Gibbons (Certificate); Marjory Morris; Percy Munroe; Fred Nicks; Aisleen Mason; Willie Woods; Norman Butler.

**Arithmetic and English—(D. W. Hoare, Instructor).**

I. Fanny Gordon; Clifford Brown (Certificate); Joseph Lewis; Mary McNeil; Maie Saunders; Lewis Turner; Lorne Dempsey. II. Gladys Clarke; Harry Clarke; Mary McCarthy; Charles Kiddy; Geoffrey McFatridge; Cyril McFatridge; Edwin Turner.

**Arithmetic and English—(C. S. Guild, Instructor).**

I. Mae Kelly; Howard Brunt. II. Sophie Wilkie; Annie Redman; Bernard Curren; Arthur McDonald; Frederick Sliming; Walter White. III. Gerald Gallagher; Charles Nickols; John Connors. IV. Harold Moran (Certificate); Percy Waterfield; Reginald Cotter; M. B. Waterman; William Hatt.

**Arithmetic and English—(W. C. Stapleton, Instructor).**

III. Adelaide Ritcey; Mary Rosley; Hazel H. Thorne; Elburn Tanner; Roy Parker; A. Hamilton; Gerald A. Nicholson; IV. Annie C. McNeil, (Certificate); A. M. Hopkins; A. B. Foley; W. H. Mosher; Fred Lytel; E. W. Hollinyum.

**Practical Mathematics—(H. D. Brunt, Instructor).**

Walter Hamilton; W. R. Fegan, X; Esmond Shaw.

**Bookkeeping (S. E.) and English—(K. L. Dawson, Instructor).**

Esther Brady; Kathlyne Hennessey (Certificate); Gladys Goodall; Freda Pamperin; Vera Street.

**Bookkeeping (D. E.) and English—(J. A. Chisholm, Instructor).**

Charles F. Payne (Certificate); Fred Wilkes; Alex. C. Watson; Ruby A. Romans; Albert R. Nichols; Lottie Pulsifer.

**Bookkeeping (D. E.) and English—(J. G. Rafuse, Instructor).**

I. Mrs. J. H. Baltzer (Certificate); M. Irene Boleman; Gladys Cooper; A. H. Dunlap; Florence D. Hutchinson; A. G. Haley; Margaret McNeil; A. W. MacLeod; Mary T. Ryan; Roy Vail; Evelyn Young. II. Vera M. Mont.

**Household Science—(Miss S. E. Archibald, Instructress).**

Beatrice Featherstone; Mabel Harding; Minnie Nelson (Certificate); Mary O'Neill; Grace Yeadon; Vera Yeadon.

**Dressmaking—Richmond—(Miss K. J. O'Neill, Instructress).**

Mrs. G. M. Huggins; Annie Wickwire; Bessie Newport (Certificate); Edith Cochran; Jeane Isnor; Emma Stockhall; Mamie Walsh; Pauline Murray.

**Dressmaking I—(Mrs. R. J. Anderson, Instructress).**

Marjorie Taylor; Muriel Bayley; Mrs. G. Crooks; Mrs. H. Worth; Mrs. K. Garten; Maud Hill (Certificate); Lyda Morash; Sadie Taba; M. J. Mosher; Florence Morrisey; Ida Coolen.

**Dressmaking I—(Mrs. R. Glazebrook, Instructress).**

Hilda Shaw (Certificate); Mrs. Mosher; Geneva Longard; Ellen Rutherford; Mary Boyle; Marion Anderson; Ellenor Sanders; Madge Dobson; Hilda Blake-ney; Emma Murphy; Eva Hurley; Florence Pugh; Hilda Brown; Hazel Suttis; Jean Ritchie; Hilda Myra; Alice Patenall; Elizabeth Giffin.

**Dressmaking I—(Miss Mary Dee, Instructress).**

Louise Barnstead; Dora Bayley; Jennie Bayliss; Mrs. R. J. Berringer; Ada Birch; Eleanor Carroll; Agnes Conrod (Certificate); Hildred Conrod; Alice DeWolf; Mary Dudy; Winnie Dunn; Irene Foley; Edith Mannette; Margaret Moran; Gladys Moran; Mrs. D. Murphy; Gertrude O'Toole; Mrs. Gordon Smith.

**Dressmaking I—(Miss Jane Brown, Instructress).**

Bessie Mosher; Mrs. C. Cartile; Mrs. Jane Noseworthy. II. (Irene McGrath did not pass, but is to receive Certificate of Merit).

**Dressmaking II—(Miss Mary Dee, Instructress).**

Mrs. Minnie Cameron; Eva Cann; Lena Cashen; Francis Croucher; Winnie Day; Muriel Dorey; Enid Dorey; Annie Gleaves; Kathleen Healy; Annie McCarthy; Minnie O'Brien; Ethel Sanborn; Marion Scarfe; Nellie Swan, (Certificate); Mrs. Thompson; Ethel Vaughan; Mrs. James Walsh.

**Dressmaking III—(Miss Sarah L. Norton, Instructress).**

Mrs. George Bool; Mrs. George Bowen; Mrs. Albert Calnen; Ethel Carlton; Mrs. Charles Colyer; Ruby Davidson; M. Dunlap; A. Hayes; Amy Higgins; Winnifred Hughes; Margaret Jackson; Katherine Lahey; Ethel Lenerton; Mrs. Leon; Winnie Levey; Daisy Litchfield; Gladys Moore; Mrs. Wm. Mulligan (Certificate); Mrs. Stanley Smith; Mrs. F. Starret; Mrs. George Thom.

**Dressmaking II and III—(Mrs. George Hunt, Instructress).**

D. Archer; K. Bennett; T. Brown; F. Brown; A. Brotchie; L. Boutilier; F. Castell; D. Cleveland; H. Dobson; K. Foley; C. Howe; Mary Castell; L. Holland; H. Logan, (Certificate); Mrs. Murdock; Mrs. Mader; E. Metzler; G. Pike; E. Roberts; B. Tozer; M. Tozer; E. Waller; B. Williams.

**Millinery—(Miss Madeline D. Cragg, Instructress).**

Mrs. W. H. Donovan (Certificate); M. Donovan; Mrs. John T. Mitchell; Mrs. Thos. Killan; M. Tooke; Mrs. A. Payne; M. A. Stewart; Dora Moreash; C. Neiforth.

**Millinery—(Miss M. Walsh, Instructress).**

Mrs. J. Jarrett; Henrietta Barry (Certificate); Ethel Hollette; Mrs. Margaret Boutilier; Margaret Briand; May Hickey; Margaret Gillis; Eleanor Saunders; Mrs. Annie Whiteway; Mrs. Nellie Hamm; Rita Cave.

**Millinery—(Miss R. P. Wisdom, Instructress).**

E. Adams; P. Conrod; Emilie Coppin; Jean Dean; M. Doherty; Bertha Griffith; Mrs. Jamieson; Mary Innis (Certificate); Mrs. A. B. Philips; Mrs. A. Royayne; Sidney Shaw; T. Tynan; Mary Wall; Mrs. C. Wilson; Nellie Elliot; Pearl Kane; Helen McLellan.

**Mechanical Drawing**—(S. K. Payzant, Instructor).

G. F. Wragg; Everett Naas (Certificate); George A. Gauvin; J. F. Bendall; Wm. Appleby; Edwin Bonn.

**Machine Drawing**—(W. S. Ayars, Instructor).

J. T. Clatworthy; Edward Condon; A. J. Crook; A. M. Naylor (Certificate); H. Richard; J. Travis; J. F. Wotherspoon.

**Machine Design**—(W. S. Ayars, Instructor).

H. B. Brehaut; D. C. Cameron (Certificate); H. C. Carreau; H. M. Day; B. G. Smith.

**Architectural Drawing (I)**—(S. H. Case, Instructor).

W. Dooks (Certificate); R. Conrod; T. Charlton; C. Rose; E. Brown; G. Woolley; C. Wesley; M. Mandatori; W. Davis; J. Keddy; A. Etter; C. Horn; T. Drake; J. Hutchings; C. Keddy; C. W. Isnor.

**Building Construction Drawing (I)**—(R. A. Johnson, Instructor).

I. A. W. Bottomley; S. Stetting; R. Mills (Certificate); Thos. Bottomley; Peter Peterson; II. W. Phillips (Certificate); R. E. Ward; P. Haverstock.

**Surveying**—(G. J. Smith, Instructor).

E. S. Campbell (Certificate); J. T. Clatworthy; A. C. Freckleton; M. B. Hamm; J. A. Hughes; P. F. Ritchie.

**Steam Engineering (I)**—(F. J. Cumming, Instructor).

A. C. Wetmore (Certificate); Clifford Moir; Fred Moir; Chesley Farewell; Edwin Hutt; C. A. McGrath.

**Steam Engineering (II)**—(C. A. Hodge, Instructor).

F. J. Lytall (Certificate); R. MacDonald; Wm. Dooks; I. William Russell.

**Gasoline Engines**—(R. Cragg, Instructor).

L. Feetham; F. A. Settle; A. Inglis; C. H. Hosterman; S. Misener; F. W. Shatford; P. Wright; L. Shatford; F. Gunn.

**Gasoline Engines**—(N. S. B. Watson, Instructor).

J. H. Baltzer; R. S. Bayers; W. Bowman; M. L. Clayton; F. G. Cole; C. A. Dennis; W. T. Fraser, T. Little; V. P. Mulloch; R. N. Ogilvie; H. A. Raynes; R. Vaughn (Certificate); R. Hubley; O. Skinner; J. C. Dawson; W. Dauphinee; W. Zwicker; Mrs. C. L. Moore; Mr. Hume.

**Gasoline Engines**—(R. P. Donkin, Instructor).

B. M. Austen; G. Closhen; St. C. Hayes; B. M. Hamm; T. B. Kerr; W. F. McDonald; J. Finlay; P. Lowe; Capt. W. C. Proudfoot; Vincent Pettipiece; L. H. Hopkins; W. F. Blank; W. C. Roose. R. D. Melvin, (Certificate of Merit).

**Gasoline Engines**—(H. L. King Instructor).

F. G. Martin; Roy K. Elliott; F. P. Quinn; Monica Hopkins; F. P. Bent; A. P. Kelley; Andrew Hubley; Chas. B. Kaizer; Edith Elliott; J. J. Towill (Certificate); R. H. Pugh; S. E. Creswell; A. Carlson; Capt. Archibald; Mrs. Vaughan.

**Chemistry—(G. F. Murphy, Instructor).**

I. Marion J. Anderson; Florence J. Holmes; Amy L. Matthews; Hazel J. Wallace (Certificate); Olive J. Wallace; Carl Hines; II. R. McFatrige; Walter F. Boudreau.

**Elements of Electricity—(A. H. Whitman, Instructor).**

Augustus Cerreau (Certificate); Charles Nyberg; Louis Hopper; R. N. Ogilvie; Wm. Hunton.

**Elements of Electricity—(A. H. Whitman, Instructor.)**

Frank Smith (Certificate); W. Thomas.

**Direct Current Machinery—(W. Nalling, Instructor).**

James Buchanan (Certificate); William Parker; Arthur Opie; Reid Thompson; W. Westerman.

**Garment Making—(George Tolson, Instructor).**

Owen Kirkwood (Certificate); Gerald Conrod; Arthur Mullalay; James Steward.

**NEW GLASGOW.**

**Cooking and Home Economy—(Miss McQueen, Instructress).**

Class No. 1. Willah Mitchell, X; Jessie MacKay; Katherine Russell; Mary Rundell; Ada Mealy; Helen Campbell; Nina Atkins; Mary Sinnott; Winifred Munro; Ruth Anderson; May Macdonald; Martha Taplin; Margaret MacInnis; Isabel MacLennan; Mrs. Joseph Murray; Mrs. Lawrie Smith.  
Class No. 2. Emma Munro, X; Margaret Gregg; Elizabeth Matheson; Priscilla MacMillan; Agnes Fraser; P. Brennan; Ruth Chisholm; Hope Ferguson; Katherine Gillis; Mildred Bodreau; Mrs. G. H. Saunders; Helen MacLean; Gladys Kelly; M. MacIntosh.

**Dressmaking, —(Miss Annie F. Grant, Instructress).**

*Afternoon Class.*

Edith McKay; Helen McLean; May Horne; Christian Fraser, X; Dorothy Crockett; Elizabeth Murray; Mary V. McDonald; Alice Fisher; Ina Pullman; Mildred Boudreau; Minnie Ross; Mrs. H. H. Heckman; Mrs. R. L. Waycott; Mrs. Howard Brown; Mrs. H. L. Watson; Mrs. J. Crockett; Mrs. J. B. Little.  
Evening Class. Sarah Hamilton; Anna Battye; Ruth Cameron; Grace Oliver; Rena McDonald; Margaret Fraser; Margaret Forrest; Elizabeth Forrest; Catherine Innis; Abbie Stuart; Rose McKenzie; Ida Lawrence; Martha Draling; Cassie Stevens; Winifred Stevens; Jean Grant; Isabel Farmer; Mrs. David Sharp, X.

**English—(J. M. S. McCabe, Instructor).**

I. Silas Moore; Guy Douglas. II. Cecil Sutherland; William Patton, X; Joseph MacGillivray; Hugh MacGillivray; Pacific Burke; R. W. Withrow; R. E. McNutt; W. H. Ross.

**Arithmetic—(J. M. S. McCabe, Instructor).**

I. Archibald Stanford; Guy Douglas. II. Joseph MacGillivray, X; Hugh MacGillivray; William Patton; W. H. Ross; W. I. Ford; Cecil Sutherland; Pacific Burke; Silas Moore.

**Mechanical Drawing—(Herbert S. Fraser, Instructor).**

Joseph Smith; Frederick King; Elmer Christie; Atwill McLean; Ernest Little; Alfred Lewis; Cecil Green; John Potter; A. W. McHardy, X; C. H. Dickson; Charles Smith; Clifford Fraser; John Murray; James Baillie; Emile White; Chalmer Cameron; Albert Johnson; Adlor Viennan; John McNaughton.

**Machine Design—(A. P. MacKenzie, Instructor).**

Leslie Baillie; John McNaughton, X; John Gillis; Carl Mason; Harry Howard; Thos. Hughes.

**Practical Mathematics—(John T. McLeod, Instructor).**

Carl Heckler, X; Clarence McKay; John E. Muirhead; William C. Bissett; John B. Potter; Howard MacIntosh; Francis Kelly; George S. Munro; Daniel L. MacDonald; Frank Dieltgens; Malcolm McKay.

**Structural Steel Drawing—(J. Fenwick McKenzie, Instructor).**

Angus McDonald; John Chipman; S. James Bannerman; Earle Munro; Elwin Harris; George Sinclair, X.

**Stenography (Advanced)—J. L. Gare, Instructor.**

Miss J. M. McMillan; Miss Bessie McKay; B. H. Ogden; R. McNutt; George Slater.

**Stenography (Beginners' Class)—(J. L. Gard, Instructor).**

Miss Mary Cameron; Miss Lida Larsen; Miss W. McLean; Miss M. Howard; Miss Dorothy Bowman; Miss R. MacDonald; Miss M. MacDonald; John Forrest; Miss S. Robertson, X.

**SYDNEY.****English—(J. Logan Trask, B. A., Instructor).**

I. Charles Soaib; Rebecca Bercy; Isaac Kyte; Mrs. H. Brochn; Sophie Feder. II. Sarsfield Fortune; Catherine Nicholson; Elsie Pynn; Janie Poan; J. D. McDonald. III. C. G. Crowson, X; Ernest E. Gardiner.

**Arithmetic—(C. A. Oulton, Instructor).**

II. T. H. I. Fortune; III. Miss Gussie Aylward; Hugh Cameron; Wm. Gardner; Frank McIsaac; H. Spence. IV. D. M. Cochrane; Thomas Mitchell, X; Peter Kyte; Elmer McLean.

**Stenography and Typewriting—(Henry Taggart, Instructor).**

Duncan McLeod, X; Bessie McNeil; Mary Jane Moore; Lizzie Walker; Margaret McLean; Annie McKinnon; Annie Matheson; Vera McCarthy; Alice Luty; Agnes C. Dias; Mamie Moore; Annie McGowan; John H. McDonald; Tena McDonald; Blanche Heron.

**Practical Mathematics—(R. Ellis, Instructor).**

C. W. Riley, X; W. P. Fortune; D. M. Cochrane; R. McLeod; D. A. McLean.

**Preparatory—(J. E. Archibald, Instructor).**

Florence Clifford; Cranston Roberts; Wm. Bell; Louis Antonello; George Sadofsky; Kyran Madigan; Joe Bruno; Norman McKenzie, X; Don. McKenzie; Jas. Waring. Pass in English only: Florence Bearse; Mrs. Henderson.



**D. E. Bookkeeping—(Mrs. Chas. Colpitts, Instructor).**

I. May E. Robertson; Mary H. MacLeod; Sadie McLean; H. Perley Bell; Annie Sedgwick; Mary C. MacLeod; Annie Fader; Annie L. Brown, X; Ella Cunningham; Myrtle McConnell; Cassie Morrison. II. Hannah Bearse.

**Mechanical Trades Apprentices—(Allan D. Jost, Instructor).**

Victor Mercer; Cecil Wiseman, X; Chester Fraser; Jules Bryand; Earle Cesale; Neal Campbell; Starr McLeod; J. McGillivray; Ronald McEachern; Carlos McIsaac.

**Stenography and Typewriting—(Franklin S. Calder, Instructor).**

Rita Norcott, X; Edmond Raymond; Janet Andrews; Daisy F. McDonald; Emma McNaughton; Alla Morrison; Lula McDonald.

**Dressmaking—(Mrs. A. J. Fennell, Instructor).**

Annie Druker; May Cleary; Annie Burt; Gabriel LaCroix; Mary McInnis; Mrs. Catherine Lewis; Mrs. I. Steckler; Mrs. F. Macdonald; Mrs. Michael Cusack; Etta Chappell; Miss McKeighan; Miss Martin; Mrs. MacDougall; Ella Mohi; Matilda Deseaux, X.

**Dressmaking—(Miss Lillian Theriault, Instructress).**

II. Alice Holmes; Mrs. William Kyte; Lena Sampson; Helen Danstom; Maul Williams; Florence Hillman; Mamie Keefe; Elsie Martell; Ethel Ferguson; Clara Ingraham; Estella Marshall; Margaret McIntyre; Gladys Marshall. III. Mrs. Frank Morse; Mrs. J. D. McLean; Mrs. A. D. McKinnon; Mrs. Eric McKay; Mrs. Claire Ferguson; Mrs. K. Kirchie. Mrs. A. D. Morrison; Mrs. W. S. Wilson; Lottie Morrison; Alice Williams; Alice McKinnon; Grace Sterns, X; May Moreshead; Margaret McKinnon.

**Millinery—(Miss Netta Milley, Teacher).**

Annie Spencer; Ellie Spencer, X; Annie Jones; Bessie Carlin; Mrs. A. A. Chase; Mrs. Ferguson; Mrs. Annie Richards; Mrs. Margaret Newcombe; Mrs. B. E. O'Neil.

**Dressmaking—(Miss Annie Matatall, Teacher).**

I. Bessie Nathanson; Annie Nathanson; Mrs. Walter Oake. II. Mrs. Matthew Ramage; Mrs. Gertrude Collins; Mrs. John Callin; Miss Selina Bird; Miss Violet Carey; Mrs. E. W. Jones; Miss Annie Jones; Miss Ida Feder; Miss A. A. Johnston, X; Miss L. McLellan; Miss Etta MacFayden; Miss Catherin Gillis; Miss Margaret McLean; Mrs. Ronald McLeod; Miss Mary Morrison; Miss Mary H. Fortune; Mrs. Samuel Carey; Miss Fannie Fader. III. Mrs. S. W. Condon; Mrs. Ida Glickman.

**Mechanical Drawing—(W. S. Wilson, Teacher).**

I. C. W. Riley; E. Smith; J. MacDonald; H. Norcott; A. Strang; C. Campbell; E. MacLeod; D. Tulk. II. W. Daye; T. Boyd, X; A. George. III. P. Mac Gowan.

**Electricity—(H. A. Chase, Instructor).**

Joseph Azar, X; Frank Grochalski; John Wainwright; John McDonald.

## YARMOUTH.

**Business English and Arithmetic**—(G. H. Churchill, Instructor).

Albert Manning; Melbourne Hubbard; Fred Porter; Mary M. Comeau; Jennie Comeau; Janet Melanson; Eliza Nickerson, X; Harvey Sanders; Maynard Allen.

**Mechanical Drawing**—(Melford Grant, Instructor).

Kenneth Poole; Charles Morrell; D'Arcy Spinney, X; Austin Harding; Joseph Trefry; Camille Comeau; Ashford Taylor; Kenneth Horton; Edwin Sellows; Charles Porter; Percy Hamilton.

**Stenography and Typewriting**—(Mrs. Walsh, Instrustress).

Ruby Kaplan; Ina Amiris; Annie Delaney; Lois Cook; Ethel Adams; Rita Sweeney; Robert Horton; Muriel Porter; Jean O McGray; Winnie Lewis; Odessa Lent; Lucinda Hardy.

**Dressmaking**—(Miss Clara Perry, Instructress).

I. Annie Greencoin; Julia Boudreau; Kathleen Nickerson; Annie Redding; Hattie Hamilton; May Hamilton; Janet Muise; Yroone Boudreau; Cora Prosser; Ira Prosser. II. Ida Cohen.

**D. E. Bookkeeping (I)**—Roy S. Kelley, Instructor).

Clara Goodwin; Hazel Taylor; Mary Wallace; Leslie C. Crosby; Dorothy J. Bain; George Kruitiz; Karl S. Boyd, X; E. Ross Pinckney.

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## PASS LIST, 1917.

### COAL MINING SCHOOLS.

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#### PREPARATORY.

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**Springhill**—(D. H. Highet, Teacher).

John Blue; Wm. Merritt.

**Joggin Mines**—(B. R. Hall, Teacher).

Edward Matheson; Samuel Gordon; Jack Gelfer; Walter Hibert.

**Westville**—(F. C. Lent, Teacher).

Bernard Dunbar; Maurice Boudreau; Clarence McDonald; Hayward Munroe.

**Stellarton**—(Millage Oulton, Teacher).

John Lewis; J. W. Conway; Alfred Colbourne; Albert Leith; Fred Van Larken; Fred Gordon; Murdock MacKenzie; John Hartlen; Walter Rana; William Dean; Samuel Conway.

**Inverness**—(E. P. Morse, Teacher).

A. F. Glabais; Max Cassidy; F. W. Smith; Vance McLeod; Jas. Watson; Malcom McKay.

**Sydney Mines**—(David A. Y. Colquhoun, Teacher).

Russel Farmsworth; Alex. MacLennan; Frank Moore; Charles Roberts; John Rollins.

**Dominion**—(C. E. Howard, Teacher).

Joseph Boone; Stanley Boone; James Main; Dannie Hitcher; Thomas Kelly; John Corbett; William Reid; Peter MacMahon.

**Reserve Mines**—(W. H. Young, Teacher).

Harry McKenzie; Willie R. Boutilier; Gregory Boutilier.

**Port Morien**—(H. B. McLeod, Teacher).

Jas. Meehan, Edward Crosby.

**PRACTICAL MATHEMATICS.**

**Sydney Mines**—(David A. Y. Colquhoun, Teacher).

Daniel Beaton; James Hunter; James Sweeney; Vincent Zezulk; James Crawford.

**MECHANICAL DRAWING.**

**Springhill**—(A. H. Alloway, Teacher).

Eric Forsland; Robert Hall; Earl Paul; John Fisher; Fred Fullerton; Morrison Gillette.

**Westville**—(Robt. Lauchlan, Teacher).

Wm. McEwan; Robt. Henderson; Moore Thompson; Arthur Breen; Charles Rundle; Harvey Thompson; Frank Morgan; James Lauchlin; Chester Rundle; Tupper Hall.

**Sydney Mines**—(A. Dawes, Teacher).

C. Robinson; D. Turner; Don. Brown; W. A. Hern; J. Birmingham; F. Boxendale; E. Kinney; W. Evans.

**Grace Bay**—(J. A. C. Johnstone, Teacher).

Joseph Fisher; Bruno Hasse; John Driscoll; Stewart Macdonald; Edward MacFadgen; Rod. W. MacLeod.

**ELECTRICITY.**

**Sydney Mines**—(George Moreton, Teacher).

Stanley Jones; Fennie Carr; Harry Tarr.

# NATIONAL SERVICE CERTIFICATES

Awarded to Pupils of the Public Schools of Nova Scotia during the past School Year under  
[Regulation published at end of List.]

## ANTIGONISH.

No.	Name of Pupils.	P. O. Address.	Grade of Scholarship Passed.
1	Fred Smith	Clydesdale	VII
2	John Kirk	Clydesdale	VI
3	Angus Macdonald	Ballantyne's Cove	IX
4	Duncan McNaughton	Loch Katrine	IX
5	John L. Cameron	Loch Katrine	VII
6	Irving Hattie	Copperlake	VII
7	Cecil Grant	Copperlake	VII
8	Gabriel Strahan	Auld's Cove	V
9	Alex Boyd	Morristown	V
10	John S. Boyd	Morristown	VIII
11	Cameron Macdonald	Lennox P. O.	VIII
12	Dougald J. Macdonald	Maryvale	VII
13	Edward Hulbert	Afton	X
14	Elizabeth A. Hanrahan	Fairmont	IX
15	Mary Elizabeth McLellan	Fairmont	IX
16	Albert Whidden	Antigonish	X
17	Edwin Kirk	Antigonish	X
18	Dan. R. Chisholm	Ohio	XI
19	Dan. A. McInnis	Ohio	VIII
20	Miss Grace Bond	Antigonish	VIII
21	George Michael Boyle	Merland	X
22	Thomas Franklin Kinney	Salt Springs	VII
23	Duncan Hugh Floyd	Vernal P. O.	VIII
24	Allen Joseph Cameron	Vernal P. O.	VII
25	William Joseph Floyd	Vernal P. O.	VIII
26	Dougald McNeil	Lakevale	VII
27	Dan. Charles McNeil	Lakevale	VIII
28	Neil McNeil	Lakevale	VII
29	John Joseph McPherson	Lakevale	VII
30	Isabella Chisholm	Lakevale	V
31	Angus L. Smith	Knoydart	V
32	Roswell McEachern	Macara's Brook	V
33	Leslie L. Baker	Macara's Brook	VII
34	John Dan. Macdonald	Macara's Brook	VII
35	Willie W. McLeod	Knoydart	H
36	Andrew McEachern	Macara's Brook	VI
37	Leo Joseph Deon	Pomket	VI
38	Mary Winnifred Hollman	Merland	VIII
39	Joseph Vincent Breen	Merland	IX
40	John Smith	West River	
41	Margaret Louise Brophy	Brophy P. O.	

## GUYSBORO.

43	William Edward Warner	Goldboro	X
44	Garfield Hodgson	Country Harbor Mines	IX
45	Claude E. McKeen	Still Water	IV
46	Reuben Baker	Isaac's Harbor	V
47	James Henderson	Stormont	
48	Stephen Giffin	Isaac's Harbor	

COLCHESTER.

49—Giles Vernon Jaques	Wilmot	XII
50—Edith Marie Drillio	Maitland	XII
51—Marjorie Victoria Horton	Truro	XI
52—Mabel Kent	Stewiacke	XI
53—Mary Jane Kennedy	Truro	XI
54—Margaret Irene Lockhart	Truro	XI
55—Bernard Parker	Truro	XI
56—Roydon Simpson Cass	Londonderry	XI
57—Henrietta Dawson Fulton	Newton Mills	XI
58—Percy Karl Mosher	Shubenacadie	XI
59—Alexander Howard Murray	Earltown	XI
60—Robert Earl McKay	Earltown	XI
61—Robt. W. Homans	Clam Harbor	XI
62—Winifred Mae Archibald	Truro	XI
63—Phyllis Campbell	Truro	XI
64—Kathleen Mary Marshall	Onslow Station	XI
65—Sybil Estell Peel	Truro	XI
66—Irene Francis Robbins	Truro	XI
67—Phyllis Yorston Wright	Truro	XI
68—John McKillican Simpson	Central Economy	X
69—Adrian Harold McLellan	Central Economy	X
70—Ella Jean Simpson	Carr's Brook, Parsboro	X
71—Allan Ralph Durning	Economy Point	X
72—Ella May Cavanagh	Central Economy	X
73—Mayme Dorathea Spares	Emsdale	X
74—Muriel Lockhart	Brookfield	X
75—Lillian Higgins	Brookfield	X
76—Christena Higgins	Brookfield	X
77—Leslie William Loughhead	Old Barns	X
78—Hazel Ellen Trenholme	Old Barns	X
79—Walter Brightwell Ross	Stewiacke	X
80—Aubrey Karl Sim	Gore	X
81—Myrtle Yuill	Old Barns	X
82—Christena Pearl Davidson	Bass River	X
83—Minnetta Crowe	Bass River	X
84—Annie Alma Corbett	Bass River	X
85—John Biswanger	Truro	X
86—Helen Albeno Corkum	Italy Cross	X
87—Ellen Stuart McDougall	Truro	X
88—Dorothy Rose Liben	Truro	X
89—Bruce Barnaby Reid	Truro	X
90—Doris Gwendolyn Starritt	Truro	X
91—Ruby Thompson	Truro	X
92—Grace Warman	Truro	X
93—Mary Tupper Ellis	Truro	X
94—Frank Elliot Archibald	Truro	X
95—Ross McHenry Barteaux	Truro	X
96—Davidson Donald Blackmore	Truro	X
97—Elizabeth Marie Creelman	Truro	X
98—Cyril LeRoi Hayman	Truro	X
99—Clarence Lloyd Johnson	Brookfield	X
100—Mary Jean Rutherford	Newton Mills	X
101—Albert William Trueman	Truro	X
102—Leslie Roy Henderson	Londonderry	X
103—Boland George Perrot	Londonderry	X
104—Bert Peers Dill	Great Village	X
105—Russel Bamford Johnson	Great Village	X
106—Sarah E. Lewis	Upper Economy	X
107—Perley Nettie Little	Belmont	X
108—Dempster Barbrick	Belmont	X
109—Kenneth Parker	Admiral Rock	X
110—George Reid McCurdy	Middle Stewiacke	IX
111—Mary Forbes	Old Barns	IX
	Old Barns	IX



173—	John D. Fraser	New Glasgow	VII
174—	Isabel Marie MacKenzie	Barney's River	X
175—	Angus H. Cameron	Willowdale	IX
176—	Charles McIntosh	Piedmont Valley	V
177—	Robert Alonzo Foote	French River	VI
178—	William Grey MacDonald	Glengarry	VI
179—	Margaret May Gordon	Glengarry	X
180—	Reginald MacEachen	West Merigomish	IX
181—	Irene Fraser	West Merigomish	VIII
182—	John Grant	West Merigomish	VIII
183—	Cameron MacNeil	West Merigomish	VIII
184—	George Fuller Cameron	Chance Harbor	IX
185—	Donald F. R. Cameron	Chance Harbor	IX
186—	Harold James Cameron	Chance Harbor	VIII
187—	Lawrence Grant Olding	Merigomish	IX
188—	George Foster	Merigomish	VI
189—	Jean Patterson Dunn	Merigomish	IX
190—	Bessie Lucera Craigie	Merigomish	IX
191—	Edwin Felch Maxwell	Hedgeville	IX
192—	George William MacKay	River John	IX
193—	Angus Sutherland	River John	VIII
194—	John William Morgan	River John	VIII
195—	Ira McDonald Langille	River John	VI
196—	Frank Clement McLeod	River John	VII
197—	Charles McLennan	River John	VII
198—	Charles William Henry	River John	VII
199—	Mary Mildred Robertson	River John	X
200—	Annie Kathleen Sutherland	River John	X
201—	Russel Gould	River John	X
202—	Isabel Florence McNabb	River John	IX
203—	Elizabeth Josephine MacAulay	River John	
204—	Percy Mack Bigney	River John, R. R. No. 1	X
205—	Everett Lawson Allan	River John	X
206—	William Murray Beck	West Branch	IX
207—	James George Baillie	West Branch	IX
208—	R. W. Murray MacKay	West Branch	IX
209—	John Sutherland	Scotsburn	X
210—	Andrew MacCara	Scotsburn	X
211—	Allister Murray MacKay	Scotsburn, R. R. No. 3	IX
212—	Raymond Thomson	Pictou, R. R. No. 2	VIII
213—	Fraser Sutherland	Pictou, R. R. No. 2	VIII
214—	Arthur Hamblen	Pictou, R. R. No. 2	IX
215—	Duncan Fraser Talbot	Pictou	IX
216—	Alexander D. MacDonald	Watervale	IX
217—	Laura Patterson	Merigomish	IX
218—	Elizabeth Grace Smith	Lr. Barney's River	IX
219—	David S. Connors	Trenton	VII
220—	Lyle Wilbur Fraser	Trenton	VII
221—	Robert Matheson	Hopewell	VII
220—	Ora May Stewart	Stellarton	XI
221—	Donald Culton Fraser	Brookville	X
1163—	George Fanjoy	New Glasgow	X

VICTORIA.

222—	Dannie Fuller	Boulardarie East	II
223—	Angus K. McLeod	North River Bridge	II
224—	Gerald White	North River Bridge	V
225—	Roddie White	North River Bridge	V
226—	Albert McLeod	North River Bridge	V
227—	Alexander MacRae	North River Bridge	V
228—	Donald MacKenzie	Boulardarie East	V
229—	Alfred Zongs	Boulardarie East	V
230—	John K. Kerr	Gairloch Mountain	VI
231—	Neil Kerr	Murray	VI
		Murray	VI

232—John Murdock Kerr	North River Bridge	VI
233—Murdock Arthur Campbell	Murray	VI
234—Malcolm W. McDonald	Gairloch Mountain	VI
235—Alex J. McDonald	Gairloch Mountain	VII
236—Leo Doucette	South Bay	VIII
237—Dan McAskill	North River Bridge	VIII
238—Roddie MacAskill	North River Bridge	VIII
239—Roddie Morrison	North River Bridge	IX
240—Neil McDonald	North River Bridge	IX
241—Norman Allan Smith	North River Bridge	IX
242—Thomas Charles Morrison	North River Bridge	IX
243—Lucy V. McLean	Lr. Washabuck	IX
244—Lester James McNaughton	St. Patricks Channel	IX
245—Robert C. McLeod	South Gut	X
246—Frank J. McLeod	South Gut	X

CUMBERLAND.

247—Celia Francis King	Pugwash River West	X
248—Augusta Tuttle	Wallace Bay	X
249—Carmen Tuttle	Wallace Bay	X
250—John Ormand Stewart	Up. Malagash	X
251—Carl Embree	Hansford West	X
252—Irene Margaret Rand	Parrsboro	X
253—MacGregor Roberts	Parrsboro	X
254—Earl Arthur Chesnutt	Pugwash River	X
255—Ruth Estelle Brownell	Northport	X
256—Minnie Wright Campbell	Northport	IX
257—Arnold Carthy	Amherst	IX
258—Evans Goodwin	Pugwash	IX
259—Gwendolyn Faith Barton	Pugwash	IX
260—Carl Chandler Allen	Northport	IX
261—George Ivan McKenzie	North Shore	IX
262—Lottie Dobson	Up. Pugwash	IX
263—Alven Siddall	Southampton	IX
264—Lottie Letitia Brownell	Lower Shinimacac	IX
265—Ivan Arthur Purdy	Little River	IX
266—Ella Margurite Nicholson	R. R. No. 2, Pugwash	IX
267—Carroll George Dickinson	R. R. 2, Nappan	IX
268—Arthur Lee Dickinson	R. R. 2, Nappan	IX
269—Charles Collins	Advocate	IX
270—Maisie Lazette Cove	River Philip	IX
271—Vincent McCabe	River Philip	IX
272—Cornelius Hennesey	Joggin Mines	IX
273—Ernest Fillmore	Conns Mills	IX
274—Max LeMere Higgs	Nappan Station	IX
275—Max Bertram Willigar	Black Rock	IX
276—Roland Leander Fraser	Fraserville	IX
277—Donald Robertson	Lower Gulf Shore	IX
278—Theodore McKenzie	Stake Road	IX
279—Charles Ernest Harrison	R. R. No. 1, Parrsboro	IX
280—Laurie Dowden	Oxford	IX
281—Harold Myers Dyas	Parrsboro	IX
282—Joseph Reginald Berryman	Parrsboro	IX
283—Eloyd William McAloney	Parrsboro	IX
284—Doris Taylor	Parrsboro	IX
285—Vernon Copp	River Hebert	IX
286—Sherman Stromberg	Fox Harbor	IX
287—Earl DeMaur Fullerton	Pugwash	IX
288—Alfred Milner	Amherst	IX
289—Max Stevens	Amherst	IX
290—Urville Calhoun	Amherst	IX
291—Wendell Lusby	Amherst	IX
292—George Christie	Amherst	IX
293—Fred Quigley	Amherst	IX



294—Eric Morrison.....	Amherst.....	IX
295—Cecil Gilroy.....	Amherst.....	IX
296—Bruce Townshend.....	Amherst.....	IX
297—Harvey White.....	Amherst.....	IX
298—Muriel Gertrude Campbell.....	Northport.....	X
299—Allison Jones.....	Springhill.....	VIII
300—Amos Dixon.....	Fort Lawrence.....	VIII
301—Allen Carmichael.....	River Hebert.....	VIII
302—Walter Lowe.....	River Hebert.....	VIII
303—Basil Smith.....	Amherst.....	VIII
304—Reginald Moore.....	Amherst.....	VIII
305—Chester Miner.....	Amherst.....	VIII
306—Henry Clegg.....	Amherst.....	VIII
307—Beatrice Roberts.....	Parrsboro.....	VIII
308—Kathryn Browne.....	Parrsboro.....	VIII
309—Frank Smythe.....	Parrsboro.....	VIII
310—George Sencabough.....	Parrsboro.....	VIII
311—Ralph Smith.....	Moose River.....	VIII
312—Margaret MacLeod.....	Pugwash.....	VIII
313—Omer Freeman.....	R. R. 4, Amherst.....	VIII
314—Harold Holmes.....	Amherst.....	VIII
315—Donald Sinclair Forbes.....	Oxford.....	VIII
316—Roger McKeen.....	R. R. 3, Amherst.....	VIII
317—Edgar Chapman.....	R. R. 3, Amherst.....	VIII
318—Frank Roberts.....	Moose River.....	VIII
319—Robert Stevens Dewis.....	Advocate.....	VIII
320—Lorne Smith.....	South Athol.....	VIII
321—Norman Tuttle.....	Wallace Bay.....	VIII
322—Austin Logan.....	Amherst Point.....	VIII
323—William Fillmore.....	Amherst.....	VIII
324—Cecil Vail.....	Amherst.....	VIII
325—Warren O'Neil.....	Amherst.....	VIII
326—Reginald Ripley.....	Amherst.....	XII

DIGBY.

327—Edmund Doucette.....	Weymouth.....	VIII
328—Mary Zela Doucette.....	Weymouth.....	X
329—Philip George Belliveau.....	Weymouth.....	VI
330—William L. Comeau.....	Weymouth.....	III
331—Joseph Neill Goudet.....	Weymouth.....	VII
332—Cyrus A. W. Grierson.....	Weymouth.....	VII
333—Joseph Fred LeBlanc.....	Weymouth.....	IV
334—Adolph H. Thebodeau.....	Weymouth.....	V
335—Melmon L. Thebodeau.....	Weymouth.....	IV
336—Theodore Joseph Goudet.....	Weymouth.....	VIII
337—William McKinley Jones.....	Chicoutimi, Que.....	VIII
338—Dennis David Mallette.....	Weymouth.....	VIII
339—Samuel Joseph Comeau.....	Weymouth.....	VIII
340—Perceval Philip Comeau.....	Weymouth.....	VIII
341—Emile Philip Brun.....	Weymouth.....	VIII
342—James Scott Harkenson.....	Weymouth.....	IX
343—Erma Cecylia Comeau.....	Weymouth.....	X
344—James William Belliveau.....	Weymouth.....	X
345—Perley Hallwell.....	Weymouth.....	IV
346—Chester Amiro.....	Barton.....	II

CUMBERLAND.

347—Chester Daniel Marshall.....	East Pugwash River.....	VI
348—James Ross.....	Lower Gulf Shore.....	VI
349—Wentford Gates.....	River Hebert.....	VI
350—Claire MacIver.....	River Hebert.....	VI
351—Frederick King.....	R. R. 2, Pugwash.....	VI
352—Jack Aspell.....	River Hebert.....	V

353—Walter Stewart.....	R. R. 2, Pugwash.....	V
354—Hebert Gehert.....	Salt Springs Station.....	V
355—Robie Fillmore.....	Conns Mills.....	V
356—John Ross.....	Lr. Gulf Shore.....	V
357—Harold Jamieson.....	Lr. Gulf Shore.....	V
358—George Lowe.....	River Hebert.....	V
359—Chesley Smith.....	Fort Lawrence.....	IV
360—Ashton Barker.....	Advocate.....	II
361—John Merry.....	Springhill.....	VII
362—James Marshall.....	River Hebert.....	VII
363—Alexander Wilson.....	North Shore.....	VII
364—Wilfred Holmes.....	Parrsboro.....	VII
365—Robt. MacLeod.....	Pugwash.....	VII
366—Cecil Roberts.....	Moose River.....	VII
367—Fred Blenkhorn.....	South Athol.....	VII
368—John Lowther.....	Oxford.....	VII
369—Sherman Lowther.....	Oxford.....	VII
370—Russell Cove.....	Oxford.....	VII
371—William Connors.....	Parrsboro.....	VII
372—Roland Merriam.....	Parrsboro.....	VII
373—Joseph Morrison.....	Parrsboro.....	VII
374—Stella Gilbert.....	Parrsboro.....	VII
375—Albert Gilbert.....	Parrsboro.....	VII
376—Murray Johnson.....	Parrsboro.....	VII
377—Morley Taylor.....	Parrsboro.....	VII
378—Douglas Cutten.....	Parrsboro.....	VII
379—Bessie Welton.....	Parrsboro.....	VII
380—Eric Harper.....	Amherst.....	VII
381—Joseph Baxter.....	Amherst.....	VII
382—Quinton Rutherford.....	River Hebert.....	VII
383—Adam Stevenson.....	River Hebert.....	VII
384—Lester Higgins.....	Fort Lawrence.....	XI
385—James William Sutherland.....	Upper Malagash.....	XI
386—Joseph Albert Mattinson.....	Beckwith.....	XI
387—Arthur DeWolfe.....	Oxford.....	XI
388—Archibald Robertson.....	Fox Harbor.....	XI
389—Hazel Vera Darragh.....	Shinimacas.....	XI
390—Douglas Clare Borden.....	Pugwash.....	XI
391—Laura M. Clark.....	Pugwash.....	XI
392—Alexis Shipley.....	Amherst.....	XI
393—Albert Everett Peacock.....	Northport.....	XI
394—Inez Dove Brown.....	Northport.....	XI
395—Lynn Crossman.....	Amherst.....	XI
396—Charlie Cuthbertson.....	Amherst.....	XI
397—David Rogers.....	Amherst.....	XI
398—George Selig.....	Amherst.....	XI
399—Lawson Smith.....	Nappan Station.....	XI

ANNAPOLIS AND DIGBY.

401—Florence Thelma McNeil.....	Melvorn Square.....	X
402—Beatrice Phinney.....	Melvorn Square.....	X
403—Grace Muriel McNeil.....	Melvorn Square.....	X
404—Ruby Pearl Chute.....	Melvorn Square.....	X
405—Clara E. Armstrong.....	Mt. Hanley.....	X
406—Robert Fletcher Reid.....	Granville Ferry.....	X
407—Gerald Vincent Saunders.....	L'Equille.....	X
408—Victor Burnham Hardwick.....	Annapolis Royal.....	X
409—Harold Borden Elliot Reagh.....	Middleton.....	IX
410—Lewis Wallace Armstrong.....	Middleton.....	X
411—Fred William Simm.....	Middleton.....	X
412—Clarence Albert Mason.....	North Springfield.....	X
413—Ira McIntosh Jones.....	Clementsport.....	X
414—Ira Russell Thomas.....	Smith's Cove.....	X
415—Robert Prescott Longley.....	Paradise.....	X

416—Anthony Borden Banks.....	Paradise.....	X
417—Earle Freeman Saunders.....	Paradise.....	X
418—Freeman Phinney.....	Lawrencetown.....	X
419—John C. Hall, Jr.....	Lawrencetown.....	X
420—Grace F. Daniels.....	Lawrencetown.....	X
421—Richard A. Whitman.....	Freeport.....	X
422—Eudora Hazel McNeill.....	North Range.....	X
423—Vernon Scott Cosman.....	Brighton.....	X
424—William Milne Millie Fream.....	Brighton.....	X
425—Joseph Edward Specht.....	Barton.....	X
426—Roy Hartford Westcott.....	Centerville.....	X
427—Willis Palmer Morehouse.....	Centerville.....	X
428—Leonard Oliver Sanders.....	Round Hill.....	X
429—Charlie L. Dodge.....	Bridgetown.....	X
430—Eva Muriel Marshall.....	Falkland Ridge.....	X
431—Etta Kathleen Marshall.....	Falkland Ridge.....	X
432—Bessie Estella Marshall.....	Falkland Ridge.....	X
433—Marjorie May Marshall.....	Falkland Ridge.....	X
434—Ira M. Harris.....	Bear River.....	X
435—Vernon Lamont Pearson.....	Melvorn Square.....	XII
436—Bessie Pauline Palmer.....	Melvorn Square.....	XII
437—Ernest Augustus Gates.....	Melvorn Square.....	VIII
438—Soley Josiah Roop.....	Melvorn Square.....	VIII
439—Lloyd E. Armstrong.....	Mt. Hanley.....	VII
440—Fred Graham.....	Annapolis Royal.....	VIII
441—Joseph McClafferty.....	Annapolis Royal.....	VIII
442—Clifford Ritchie.....	Annapolis Royal.....	VIII
443—Frank Riley.....	Annapolis.....	VIII
444—William Harris.....	Annapolis.....	VIII
445—Cecil K. Harris.....	Annapolis.....	VIII
446—Walter Ritchie.....	Annapolis.....	VIII
447—Robert Webb Freeman.....	North Springfield.....	VIII
448—Arthur Banks.....	Clarence West.....	VIII
449—Maxwell L. Miller.....	Clarence West.....	VIII
450—Cyril Henry Phinney.....	Middleton.....	VIII
451—John Milton Howard.....	Middleton.....	VIII
452—Gerald Witter Palmer.....	Middleton.....	VIII
453—Keith Stuart Marshall.....	Middleton.....	VIII
454—Vaughn Alton Reagh.....	Middleton.....	VIII
455—Ernest Guilford Durling.....	North Springfield.....	VIII
456—David Lorimer Stronach.....	Melvorn Square.....	VIII
457—Harry LeRoy Baker.....	Margaretville.....	VIII
458—Frank Bernard Baker.....	Margaretville.....	VIII
459—Eben Hannum Stronach.....	Melvorn Square.....	VIII
460—Francois LeBlanc.....	Meteghan River.....	VIII
461—Thomas Cheever Height.....	Barton.....	VIII
462—William Marchbank Specht.....	Barton.....	VIII
463—Pearl Winnifred Beeler.....	Lequille.....	VIII
464—Herbert Miller Apt.....	Granville Ferry.....	VIII
465—Stephen Bamford Troop.....	Granville Ferry.....	VIII
466—John Anthony Hubley.....	Round Hill.....	VIII
467—Roy Douglas McAloney.....	Torbrook.....	VIII
468—Alverdo Gordon.....	Spa Springs.....	VIII
469—Marion Irene Baker.....	Melvorn Square.....	XI
470—Vera Elaine Palmer.....	Melvorn Square.....	XI
471—Myron Oakman Brinton.....	St. Croix Cove.....	XI
472—Harold Parker Troop.....	Granville Ferry.....	XI
473—Inez Roberta Crawford.....	North Williamston.....	XI
474—Neil Stanley Morrison.....	Springfield.....	XI
475—Glynn Fitch Reed.....	Middleton.....	XI
476—Wesley Rice Kinney.....	Barton.....	XI
477—Reginald Lester Shaw.....	Centerville.....	XI
478—Gladys Ewart Morehouse.....	Centerville.....	XI
479—Lionel Roop.....	Bear River.....	XI



544—Ernest William Crouse.....	Springfield, R. R. No. 3.....	II
545—Wilfred Uriah Burgoyne.....	Springfield, R. R. No. 3.....	IV
546—Archibald Lowe.....	Springfield, R. R. No. 3.....	IV
547—Irenee Comeau.....	Meteghan River.....	VI
548—Hector Robicheau.....	Meteghan Center.....	VI
549—Murray Stanton.....	East Ferry.....	VI
550—Herbert Theriault.....	East Ferry.....	VI
551—Albert Doucet.....	Cape St. Marys.....	III
552—Melbourne Frantaine.....	Cape St. Marys.....	VI
553—Hayford Bernard Dakin.....	Brighton.....	VI
554—Leon Clifford Fowler.....	Granville Ferry.....	VI
555—Eli Comeau.....	Comeauville.....	V
556—Maurice Armstrong.....	Bridgetown.....	VI
557—Karl Thies.....	Bridgetown.....	VI
558—Harold B. Price.....	Bridgetown.....	VI
559—Aubrey F. Price.....	Bridgetown.....	VI
560—Harold Archibald.....	Spa Springs.....	VI
561—George J. Deveau.....	Mavillette.....	VI
562—Joseph Babin.....	Mavillette.....	VI
563—Edmond Boudreau.....	Mavillette.....	VI
564—Anselme J. Deveau.....	Mavillette.....	VI
565—Emile J. Deveau.....	Mavillette.....	IV
566—Marc Boudreau.....	Mavillette.....	VI
567—George Comeau.....	Meteghan River.....	VI
568—Albert Comeau.....	Meteghan River.....	VI
569—Ben C. Hicks.....	Bridgetown.....	IX
570—Nancie M. King.....	Bridgetown.....	IX
571—Owen F. C. Armstrong.....	Bridgetown.....	IX
572—Weston Alexander Fowler.....	Bridgetown.....	IX
573—Eugene Stronach.....	Melvorn Square.....	IX
574—Everett Daniels.....	Spa Springs.....	IX
575—Harold Longley.....	Bear River.....	IX
576—Charles Robichaud.....	Meteghan River.....	IX
577—Noble S. Crowe.....	Bridgetown.....	IX
578—Laurent Comeau.....	Meteghan River.....	IX
579—Arthur LeRoy Patterson.....	Melvorn Square.....	IX
580—Frederick Silas Lantz.....	Melvorn Square.....	IX
581—Henry Fred Brown.....	Victoria Vale.....	IX
582—Hyde Lane Goucher.....	Annapolis Royal.....	IX
583—Joe E. Marshall.....	Upper Clements.....	IX
584—Roy L. Miller.....	Clarence West.....	IX
585—Reginald C. Marshall.....	Clarence West.....	IX
586—Gladys May Mixon.....	Nictaux Falls.....	IX
587—Leland Hall Mosher.....	Victoria Vale.....	IX
588—Charles Franklin Fales.....	Victoria Vale.....	IX
589—Corey Maitland Baker.....	Middleton.....	IX
590—Augustin Doucet.....	Saulnerville Station.....	IX
591—Clarence Fitz Randolph.....	Bridgetown R. R. 4.....	IX
592—Lillian Sadie Burns.....	Nictaux South.....	IX
593—Arnold E. Emerson.....	Upper Clements.....	IX
594—Charles Robicheau.....	Meteghan.....	IX
595—Ira Ruth Slocomb.....	Port George.....	IX
596—Moody R. Sanford.....	Clarence.....	IX
597—Roy Owen Bent.....	South Farmington.....	IX
598—Gerald E. Bishop.....	Freeport.....	IX
599—Raymond Frank Corning.....	Beaver River.....	IX
600—Cyril E. LeCain.....	Round Hill.....	IX
601—Jules Comeau.....	Little Brook.....	IX
602—J. Hedley Hall.....	Bridgetown.....	IX

ANNAPOLIS.

608—Murray C. Beeler.....	Clementsvale.....	VII
604—Lewis Lovett Feindall.....	Clementsvale.....	X

## KINGS.

605—Reverdy James Prosser	Upper Canard	XI
606—Dean Lawrence Veinotte	Aylesford	XI
607—Cecil Blanchard Seifridge	Aylesford	XI
608—Myrtle Annie Meek	Canning	XI
609—Richard Arthur Foote	Waterville	XI
610—Burpee Earle Brown	Waterville	XI
611—Phyllis Marjorie Borden	Grand Pre	XI
612—Dorothy Ellen Illsley	Wolfville	XI
613—Jean Neilson Foote	Wolfville	XI
614—James Murray Beardsley	Wolfville	XI
615—Fred Loran Johnson	Wolfville	XI
616—Arthur Joseph Tingley	Wolfville	X
617—Alice Mae Rose	Grand Pre	X
618—Carrie Borden Allen	Grand Pre	X
619—Phyllis Grace Fuller	Grand Pre	X
620—Franklin Wood	Waterville	X
621—Ethel Jane DeWitt	Blomidon	X
622—Grace Sarah Woodworth	Berwick	X
623—Allison Borden Anthony	Berwick	X
624—Kenneth Ells	Sheffield Mills	X
625—Evelyn Isabel Winnifred Seaboyer	Port Williams	X
626—Mary Queenie Regan	Port Williams	X
627—Jean Whitney Murphy	Port Williams	XI
628—Doris Lillian Ross	Berwick	X
629—Theodore Harding Rand	Wolfville	X
630—Herbert Albert Shipley	Wolfville	X
631—Merle Hilburne Mason	Wolfville	X
632—Harry Rand	Canning	XI
633—Lloyd K. Palmer	Kingston	X
634—Robert Palmeter	Kentville	IX
635—Barbara Glencross Stackhouse	Wolfville	IX
636—Donald Johnson	Wolfville	IX
637—Stafford Palmer	Kingston	IX
638—Paul G. Webster	Kentville	IX
639—Frederick Cheyne	Upper Canard	IX
641—Lorimer Barteaux Rainsforth	Berwick West	IX
641—Harry Hattan Kinnie	Berwick	IX
642—Clifford Gale Butler	Berwick	IX
643—Fred Shurman Cahill	Harborville	X
644—Martin C. Oxley	Berwick	IX
645—Frank Leroy Alcorn	Berwick	IX
646—Harold Palmeter	Grand Pre	IX
647—Jennie Muriel Cogswell	Port Williams	IX
648—James Lloyd Jess	Port Williams	IX
649—Annie Clare Cogswell	Port Williams	IX
650—Harold Obediah Newcombe	Port Williams	X
651—Belle Sheffield	Upper Canard	IX
652—Nina Barkhouse	Lake View via Dal. Road	IX
653—Reginald Leo Graves	Aylesford	IX
654—Myrtle M. Hudson	Kingston, R. R. 3	IX
655—Annie M. Spinney	Kingston, R. R. 3	IX
656—Frances Patriquin	Wolfville	X
657—Hedley Morse Banks	Waterville	IX
658—Maxwell Twining Lyons	Waterville	IX
659—Adelaide Jean Borden	Grand Pre	IX
660—Karl Eaton Nowlan	Wolfville	IX
661—Charles Edward Arthur Brown	Wolfville	IX
662a—Thelma Avis Gates	Wolfville	IX
662b—William Henry Rawding	Waterville	IX
663—Heston Flanagan	Waterville	VIII
664—Farries Flanagan	Waterville	VIII
665—Avery Hilton Dennison	Gaspereau	VIII
666—Clyde Isaac Coldwell	Gaspereau	VIII

667—Augustus Howe Dickie	Kingsport	VIII
668—Norman Clark	Berwick	VIII
669—Ivan Cornwall	Berwick	VIII
670—Fred Hugh McMahon	Berwick	IX
671—Gaylord S. Woodworth	Canning	VIII
672—William Herbert Stairs	Wolfville	VIII
673—Merle John Porter	Wolfville	VIII
674—George Donald Hogan	Wolfville	VIII
675—Fred Taylor Ellis	Wolfville	VIII
676—William Purves Smith	Wolfville	VIII
677—Margaret Louisa Johnson	Wolfville	VIII
678—Margaret Barrs Stackhouse	Wolfville	VIII
679—Leo John Delaney	Wolfville	VIII
680—Gerald Eaton	Upper Canard	VIII
681—Richard Smith	Upper Dyke Village	V
682—Charles Kaiser	Scott's Bay Road	VI
683—Robert Boyd Spicer	Harborville	V
684—Earl Clair Leslie	Wolfville	V
685—Floyd Vernon Johnson	Waterville	VII
686—Isaac Grant Barkhouse	Waterville	VII
687—Lester A. Giffin	Kingston R. R. No. 3	VI
688—Maxwell Stoddard	Berwick	VII
689—Harold Weaver	Kentville	VI
690—Emerson F. Johnson	Wolfville	VI
691—Clyde Raymond Banks	Waterville	VIII
692—Ralph Franklyn Webb	Kingsport	VII
693—Grant S. Neily	Kingston	VII
694—Carman A. Lightizer	Kingston	VII
695—Austen Cox	Canning	VII
696—Barclay Rand	Upper Canard	VII
697—Arthur Kay	Berwick	VII
698—Willis Porter	Berwick	VIII
699—Marie Brown	Upper Canard	VII
700—Lloyd Banks	Kingston Station	VII
701—Morris Legge	Scotts Bay Road	V
702—Charles Corkum	Scotts Bay Road	V
703—Whitford Conrad	Upper Canard	IV
704—Sydney Wilford Stillmore	Waterville	V

HANTS.

705—Ronald Dill Coldwell	Sweet's Corner	IX
706—Harold Stephen Card	Center Burlington	IX
707—Ralph C. Coldwell	Summersville	IX
708—Sherburne Sedley Blanchard	Ellershouse	IX
709—Howard Ramsey DeMont	Hartville	VIII
710—William A. Metzler	Windsor	VIII
711—Wilford P. Crossley	Windsor	VIII
712—Karl V. Pemberton	Windsor	VIII
713—Morris W. Gornley	Windsor	VIII
714—Hamilton Morris	Hantsport	VIII
715—Seymour Raymond Dunbar	Ellershouse	VII
716—John Blanchard Sanford	Center Burlington	VIII
717—Jessie Everett McLellan	Center Burlington	VII
718—Gordon Spencer	Ellershouse	VI
719—Leverett Hagerty	R. F. D. No. 1, Newport	IV
720—Norman D. Blanchard	Windsor	X
721—Paul Morton Elliott	Windsor	X

SHELBURNE.

722—Stuart Crews Muir	Shelburne	X
723—Frank Milne Blanchard	Shelburne	X
724—Gordon Murphy Bruce	Shelburne	X
725—Matthew Hutchins Bower	Snelburne	IX

726—John Oates Bower	Shelburne	X
727—Russel Furney	Jordan Ferry	VII
728—Donald Cornelius McAlphine	Jordan Bay	VIII
729—John Churchill McAlphine	Jordan Bay	VII
730—Russel L. Holden	Jordan Falls	VI
731—Albert E. Holden	Jordan Falls	VI
732—Harold Kirk Harding	Swansburg	X
733—Ernest Raymond Matthews	East Side Ragged Island	X
734—Sidney E. Nickerson	Shag Harbor	VIII
735—James Kenneth Abbott	Forbes Point	IX
736—Winfield Forbes Abbott	Forbes Point	IX
737—Cedric Sears	Woods Harbor	XI
738—Helen T. P. Sears	Lr. Woods Harbor	IX
739—Victor Tedford Nickerson	Lr. Woods Harbor	IX
740—Frank Taylor Mood	Lr. Woods Harbor	IX
741—Douglas Earle Goodwin	Lr. Woods Harbor	VII
742—Maxwell Goodwin	Lr. Woods Harbor	IX
743—Lindsay Goreham	Woods Harbor	

## YARMOUTH.

744—Robert Trefry	Arcadia	VIII
745—Dorothy Belle Morrell	Brooklyn	IX
746—Bertha Winifred Churchill	Brooklyn	V
747—George Albert Deveau	Brooklyn	VI
748—Ida May Wyman	Brooklyn	VI
749—Stanley Henry Pitman	Brooklyn	VI
750—Walter Malcolm Saulnier	Brooklyn	X
751—Ernest Larkin McGray	Pubnico	X
752—Asa Kenneth McGray	Pubnico	IX
753—Guy Ernest Crosby	Hebron	VI
754—Earle Delmar Crosby	Richmond	V
755—Walter L. Nickerson	Pleasant Lake	VII
756—George R. Gray	Pleasant Lake	IX
757—Rexford N. Spates	Pleasant Lake	IX
758—Harold Clyde King	North Kemptville	VI
759—Prescott Burton	Central	X
760—Arthur Wellington Wyman	Pleasant Lake	IX
761—Rubie Mary MacConnell	Cheggogin	IX
762—Katie Lee Dalton	Cheggogin	IX
763—Elma Matilda Corning	Cheggogin	VI
764—Arnold Harding Moses	South Ohio	VII
765—Earle Moses	South Ohio	VII
766—Daniel Maxwell Annis	South Ohio	IX
767—Roy Ross Pitman	South Ohio	X
768—Clifton Harris Wood	R. R. No. 1, Tusket	VI
769—Harold Rose	South Cheggogin	XII
770—Andrew L. Doucette	Yarmouth	XI
771—Clarence P. Churchill	Brooklyn	XI
772—Thomas Bernard Vickery	Yarmouth	XI
773—Hilda Wyman	Sand Beach	XI
774—Nita Perry	Hebron	XI
775—James McMillan	Yarmouth	XI
776—Maurice Levine	Yarmouth	XI
777—Henrietta B. Herkes	Hebron	XI
778—Edwin V. Porter	Cheggogin	XI
779—Alfred Trask	Dayton	XI
780—Dorothy Butler	Yarmouth	XI
781—Margaret Chisholm	Yarmouth	XI
782—Vera Nickerson	Gardner's Mills	XI
783—Albert Cann	South Ohio	X
784—Charles Marshall	Salem	XI
785—Dorothy B. Cook	Salem	X
786—Maynard Horner	Yarmouth	X
787—Hubert Comeau	Yarmouth	X



788—Marion Bezanson.....	Yarmouth.....	X
789—Norma L. Horton.....	Yarmouth.....	X
780A—Louise Hogg.....	Sand Beach.....	X
781A—Kathleen Eldridge.....	Yarmouth South.....	X
782A—Mary Sweeney.....	Brooklyn.....	X
783A—Ethel Creelman.....	Yarmouth.....	X
784A—Fannie Hains.....	Yarmouth South.....	X
785A—Annie Hains.....	Yarmouth South.....	X
786A—Fannie Stanwood.....	Stanwood's Beach.....	X
787A—Edith Jeffrey.....	Overton.....	IX
788A—Dorothy F. Baker.....	Yarmouth South.....	IX
789A—Ivan C. Hemeon.....	Yarmouth.....	IX
780B—Frances C. Corning.....	Chegoggin.....	IX
781B—Kenneth Maxwell Durkee.....	Carleton.....	VIII
782B—Mary Kosterman Seagars.....	Yarmouth North.....	VIII
783B—Fred Comeau.....	Yarmouth North.....	VIII
784B—Albert Adams.....	Salem.....	VIII
785B—Donald Delmer Wyman.....	Brooklyn.....	VIII
786B—Stanley Alfred Morrell.....	Brooklyn.....	VIII
787B—Cecil Eugene Murphy.....	Brooklyn.....	IX
788B—Dorothy May Clarke.....	Brooklyn.....	VIII
789B—Fanny Helen Saulnier.....	Brooklyn.....	VIII
780C—Leora Sollows.....	Yarmouth.....	VIII
781B—Lloyd Cook.....	Yarmouth.....	VIII
782C—George R. Wyman.....	Sand Beach.....	VIII
783C—Clyde Boyd.....	Arcadia.....	VII
784C—Helen Rankin.....	Arcadia.....	VIII
785C—Hilda Robbins.....	Arcadia.....	IX
786C—Paul Crowell.....	Arcadia.....	VII
787C—G. Clark Crowell.....	Arcadia.....	VIII
788C—Gertrude Morey Lewis.....	Central Chebogue.....	X
789C—Ralph Everett Porter.....	South Ohio.....	X
790—Frank Durkee.....	South Ohio.....	V
791—Edward Pitman.....	South Ohio.....	V
792—Frederic A. Cotreau.....	Wedgeport.....	VIII
793—Levi Louis Cotreau.....	Wedgeport.....	VIII
794—Smith Albert Hilton.....	Carleton.....	XI
795—Arthur Roy Wyman.....	Carleton.....	IX
796—Roger Chesley Pitman.....	Carleton.....	IV
797—E. Warren Gridley.....	Salem.....	V
798—Charlie Pippy.....	Salem.....	VI
799—Theodore Hayes.....	Salem.....	VI
800—Tom Clive.....	Salem.....	V
801—Sam Clive.....	Salem.....	V
802—Robert B. Rafuse.....	Salem.....	VI
803—A. Albert Cook.....	Salem.....	VII
804—Albert Adams.....	Salem.....	VIII
805—Windom Morton.....	Salem.....	VIII
806—Archibald Brittain.....	Salem.....	IV
807—Victor P. Seary.....	Yarmouth.....	VII
808—Harold Doane.....	Yarmouth North.....	V
809—Donald Grant.....	Yarmouth North.....	III
810—Hillis Stubbert.....	Yarmouth North.....	V

RICHMOND.

811—Horatio Latimer.....	Arichat.....	IX
812—James Chapin Robertson.....	Arichat.....	X
813—Leon LeBlanc.....	Arichat.....	IX
814—Ernest Edwards.....	Arichat.....	X
815—Simon Poirier.....	Descouse.....	XI
816—Alva A. P. Pertus.....	Poulamond.....	X
817—Michael Alvin McDonald.....	Poulamond.....	X
818—Joseph B. Poirier.....	Poulamond.....	X
819—Louis X. Samson.....	Poulamond.....	X

820—Charles Alma Landry.....	Poulamond.....	VIII
821—Mary Stella McDonald.....	Poulamond.....	X
822—Albert L. Pertus.....	Poulamond.....	VIII
823—Elmore Shaw.....	Lochside, Arichat.....	VI
824—Gertie A. Poirier.....	Poirierville.....	VII
825—Reta O. Poirier.....	Poirierville.....	VII
826—Daisy V. Mauger.....	Poirierville.....	IX
827—Alphonse A. Britten.....	Poirierville.....	V
828—Clancey E. Cordeau.....	Poirierville.....	IX
829—Daniel A. H. Mauger.....	Cape La Ronde.....	V
830—William Marchaund.....	Pondville.....	VI
831—Henry Boudreau.....	Pondville.....	VI
832—Clarence Paon.....	Pondville.....	V
833—Wilfrid Paon.....	Pondville.....	X
834—Lauchlin Sutherland.....	Soldier's Cove.....	X
835—Thomas J. Morrison.....	Point Tupper.....	X
836—Mary Caroline Campbell.....	Point Tupper.....	IX
837—Donald A. McNeill.....	Soldier's Cove.....	IX
838—Francis Campbell.....	Point Tupper.....	IX
839—Euphemia Robinson.....	Point Tupper.....	IX
840—Mary Robinson.....	Point Tupper.....	X
841—M. Martha Campbell.....	Point Tupper.....	IX
842—Ella Isabelle Grant.....	Grantville.....	X
843—Lawrence Charles Grant.....	Grantville.....	X
844—Adam Hureau.....	Evanston.....	IX
845—Gladys Teresa Joyce.....	Evanston.....	IX
846—John Archie McIntyre.....	McIntyre's Lake.....	X
847—Bessie Mulvina MacLeod.....	Cleveland.....	V
848—James Alexander Ferguson.....	Kemnt Road.....	IX
849—Colin William MacLeod.....	Kemnt Road.....	VIII
850—Willie John MacLeod.....	Kemnt Road.....	V
851—Willie James MacDonald.....	Kemnt Road.....	IX
852—Mary Euphemia MacIntyre.....	Kemnt Road.....	IX
853—Angus Norman MacLeod.....	Kemnt Road.....	V
854—Wilfrid Landry.....	River Bourgeois.....	VI
855—Edmund Burke.....	River Bourgeois.....	IX
856—John Leo Boyd.....	Cannes.....	IX
857—Daniel Grimes.....	Cannes.....	X
858—Peter Matthew Holmes.....	Lochside.....	IV
859—Archie McKiggan.....	Lake Uist.....	XI
860—Gladys Annie Urquhart.....	West Bay.....	XI
861—Ronald John McDonald.....	Hastings.....	VIII
862—John Joseph McDonald.....	Hastings.....	IX
863—Ronald Chisholm.....	Glendale.....	VI
864—John B. Petrie.....	Hastings.....	VIII
865—George Leo Petrie.....	Hastings.....	IX
866—Cecil Hector Fox.....	Hastings.....	IX
867—John Dan. McMaster.....	Creignish.....	VI
868—Hugh McMaster.....	Creignish.....	IV
869—Archibald Rankin.....	Creignish.....	IV
870—Alex. A. McEachern.....	Creignish.....	V
871—Margt. A. MacDonald.....	Creignish.....	V
872—Alex. J. McDonald.....	Creignish.....	V
873—James Macneil.....	Long Point.....	III
874—Ronald Archie McLellan.....	Creignish Station.....	V
875—Duncan McEachern.....	Creignish Station.....	VI
876—Samuel Angus Gillis.....	Creignish Station.....	VIII
877—John McLean.....	Long Point.....	IX
878—Colin A. Chisholm.....	Long Point.....	III
879—Willie Joseph Chisholm.....	Long Point.....	IX
880—Colin Chisholm.....	Long Point.....	IX
881—Mary Bell McLean.....	Long Point.....	IX
882—Alexander S. Chisholm.....	Long Point.....	IX
883—Margaret Annie McDonnell.....	Long Point.....	IX
884—Murdoch A. Chisholm.....	Long Point.....	IX

INVERNESS SOUTH.

885	—Margaret Beaton	Little Judique	X
886	—Katherine Irene McIsaac	Port Hood	X
887	—Malcolm McDonald	Harborview	X
888	—Isabel McDonald	Harborview	X
889	—Helen Jane Botherson	Harborview	X
890	—Mary Ann McLellan	Harborview	X
891	—Barbara Chisholm	Dunmore	X
892	—Murdoch Morrison	Port Hood Island	X
893	—Florence Ellen McDonald	Harborview	X
894	—Florence Sarah Livingstone	Harborview	IX
895	—Flora Annie Chisholm	Port Hood	IX
896	—Catharine MacInnis	Port Hood	IX
897	—Mary Eveline Walsh	Port Hood	IX
898	—Rose Euphemia MacDonald	Port Hood	IX
899	—Alice Domitilla Chisholm	Port Hood	IX
900	—Annie May Beaton	Port Hood	IX
901	—Lucy A. Arsenault	Belle Cote	XI
902	—Mary K. McDonald	Low Point	IX
903	—Margaret A. McKillop	S. W. Mabou	IX
904	—Jane Campbell	S. W. Port Hood	IX
905	—Finlay Rankin	Mabou Harbor	IX
906	—Peter McPhee	Mabou Harbor	IX
907	—Grace Scott Duff	Hawkesbury	IX
908	—John Angus McPhail	Melford	IX
910	—John Dougald Kennedy	River Dennis Center	X
911	—John William MacGregor	River Dennis Center	VI
912	—Lauchlin J. Kennedy	River Dennis Center	VIII
913	—Archie D. N. MacIntyre	River Dennis Station	IX
914	—Dan C. MacPhail	River Dennis Station	IX
915	—Alexander MacPhail	River Dennis Station	X
916	—Mabel Calder	West Bay	X
917	—Catharine I. C. MacPhee	West Bay	X
918	—Archibald D. McDonald	West Bay	IX
919	—Elsie H. Cameron	West Bay	IX

PICTOU.

920	—George Fanjoy	New Glasgow	X
921	—John A. Milne	Woodburn	XI
922	—Harris Reid	Little Harbor	XI
923	—Charles Spiro	New Glasgow	X
924	—Archie Sutherland	Linacy	X
925	—Allister Bowman	New Glasgow	X
926	—John James Meikle	Meiklefield	X
927	—Leonard Fraser	New Glasgow	IX
928	—Fred Diamond	New Glasgow	IX
929	—Douglas F. Macdonald	New Glasgow	IX
930	—G. Homer Smith	New Glasgow	IX
931	—Frederick G. Stewart	New Glasgow	IX
932	—Peter Elliott Fraser	New Glasgow	VII

HALIFAX.

933	—Neil B. MacLaren	Halifax	XI
934	—Clarence G. Campbell	Halifax	XI
935	—Lawrence Sterns	Dartmouth	XI
936	—Ian Forsyth	Dartmouth	XI
937	—Arthur Harrison	Dartmouth	XI
938	—Charles Brenton Huggins	Yarmouth	XI
939	—Lester H. D. Blakeney	Bedford	XI

LUNENBURG.

940—Ernest Raymond Lohnes	Lunenburg	XI
941—William Ronald Young	Lunenburg	XI
942—Owen Benjamin Smith	Lunenburg	XI
943—Harry Ellsworth Eackman	Lunenburg	X
944—Ian McClure	Lunenburg	X
945—James Bertram Hirtle	Lunenburg	X
946—Ronald John Heckman	Lunenburg	X
947—Walter Henry Backman	Lunenburg	X
948—Louis Cecil Burke Schwartz	Lunenburg	X
949—Walter Burns Young	Lunenburg	IX
950—Clarke Allison Crowell	Lunenburg	IX
951—John Edward Daniels	Lunenburg	IX
952—George Lockhart Lohnes	Lunenburg	IX
953—John Douglas Rhuland	Lunenburg	VIII
954—Hector Corcum	Lunenburg	VIII
955—Robert Holder	Lunenburg	VII
956—Frank Ross Corkum	Lunenburg	VII
957—Charles Daniels Wood	Lunenburg	VII
958—Sinclair Crouse	Lunenburg	VII
959—Grover Silver	Lunenburg	VI
960—George Ernest	Lunenburg	X
961—Merlin Sydney Spidell	Parkdale	IX
962—Perry Tupper Rodenhizer	Parkdale	IX
963—Leon Merrill Rodenhiser	Parkdale	X
964—Arlington Walter Mailman	Bridgewater	X
965—Wilbert Stephen Rodenhiser	Bridgewater	X
966—Arthur Judson Waterman	Bridgewater	IX
967—Albert Edward Whitford	Bridgewater	IX
968—Joseph Archibald MacLean	Bridgewater	VIII
969—Melford Veinct	Niniveh	VI
970—Claude Hawksworth	Scarsdale	VI
971—Ainslie Wilson	Scarsdale	VI
972—Charles Zwicker	Scarsdale	X
973—Marguand Larder	New Ross	VIII
974—Otto Inglis Lavers	New Ross	VI
975—Basil Elliott	New Ross	VIII
976—St. Clair Alfred Berringer	First Peninsula	V
977—Harry Victor Buckmaster	First Peninsula	VIII
978—Maurice Westhaver	Maders' Cove	XI
979—William David Eichel	Mahone Bay	X
980—Paul Zemcke Ernst	Mahone Bay	X
981—Murray Paul Ernst	Mahone Bay	X
982—Pearl Minnie Mosher	Mahone Bay	IX
983—Everett John Slauenwhite	Mahone Bay	IX
984—Floyd Arnold Zinck	Mahone Bay	IX
985—Frank Luther Ernst	Mahone Bay	VIII
986—Eloise Gwendolyn Hiltz	Mahone Bay	VIII
987—Oliver William Pearl	Mahone Bay	VIII
988—Aubrey Oxner	Mahone Bay	VIII
989—Arthur Kenneth Langille	Mahone Bay	V
990—Russell Langille	Oakland	V
991—Robert Ernst	Oakland	V
992—Russell Hirtle	Oakland	V
993—Earl Hyson	Oakland	IV
994—Merrill Smith	Oakland	III
995—Clyde Zwicker	Oakland	XI
996—Clifford Alton Rafuse	Martin's Point	X
997—Irvine Ainsley Wentzell	Indian Point	IX
998—Percy Fenwick Wentzell	Indian Point	

QUEENS.

999—Walter Keene Bagley	Liverpool	XI
1000—William Robie Silver	Liverpool	XI

1001—Frank Parker Smith.....	Liverpool.....	X
1002—Russell Nickerson.....	Liverpool.....	X
1003—James Collins Gardner.....	Liverpool.....	X
1004—George Albert Chandler.....	Liverpool.....	X
1005—Fulton Lyman MacLeod.....	Brooklyn.....	X
1006—George Perry Phalen.....	Liverpool.....	IX
1007—William Earlstan Wright.....	Liverpool.....	IX
1008—Simon Bruce Chandler.....	Liverpool.....	IX
1009—Nellie Viola Corkum.....	Italy Cross.....	X
1010—Charles Owen Smith.....	Port Medway.....	X
1011—Jessie Evelyn Payzant.....	Western Head.....	VIII
1012—Ralph Roland Harlow.....	North Brookfield.....	XI
1013—Cecil Lawrence Freeman.....	Kempt.....	X
1014—Ralph Eisenhour.....	Kempt.....	IX
1015—Howard G. DeLong.....	Kempt.....	IX
1016—Charles Elton Cole.....	Caledonia.....	IX
1017—Malcolm MacLeod.....	South Brookfield.....	X
1018—Ashton Hardy.....	South Brookfield.....	IX
1019—Gilbert Smith.....	South Brookfield.....	IX
1020—Basil Primrose Smith.....	South Brookfield.....	IX

HALIFAX.

1021—Edward Haverstock.....	Halifax.....	VI
1022—Robert Cameron.....	Murphy Cove.....	VI
1023—Guy Kent.....	Cook's Brook.....	VI
1024—George Barker.....	Preston Road.....	VI
1025—Clarence Snider.....	Murphy Cove.....	V
1026—Arnold Holman.....	Reynolds P. O.....	V
1027—Arthur Newcombe.....	Murphy Cove.....	IV
1028—Willie T. Jennings.....	Chaswood.....	IV
1029—Alonzo Butler.....	Murphy Cove.....	II
1030—Chester Canfield.....	Dutch Settlement.....	VIII
1031—Gordon Keeler.....	Dartmouth.....	VIII
1032—Paul Trueb.....	Dartmouth.....	VIII
1033—Roy S. Bell.....	Dartmouth.....	VIII
1034—Alden Hayman.....	Dartmouth.....	VIII
1035—Rowland Findlay.....	Dartmouth.....	VIII
1036—Matthew Jas. Archibald Holman.....	Up. Musquodoboit.....	VII
1037—Roy Bowes.....	Preston Road.....	VII
1038—Ira Killen.....	Cook's Brook.....	VI
1039—Henry L. Leslie.....	Bedford.....	X
1040—Fred Tremain.....	Halifax.....	X
1041—William S. Jenks.....	Halifax.....	X
1042—J. Douglas Fraser.....	Halifax.....	X
1044—Hubert Dentith.....	Spryfield.....	X
1045—William Colwell.....	Halifax.....	X
1046—Gordon P. Withrow.....	Halifax.....	X
1047—Charles E. McDonald.....	Halifax.....	X
1048—Arthur C. Harris.....	Halifax.....	X
1050—Melvin L. Boutilier.....	Halifax.....	X
1051—Fred Pacey.....	Halifax.....	X
1052—Joseph F. McManus.....	Dartmouth.....	X
1053—George R. Wooten.....	Halifax.....	X
1054—Edward Bryden Stewart.....	Upper Musquodoboit.....	IX
1055—Cecil G. Bonn.....	West Petpeswick.....	IX
1056—Donald Hope.....	Halifax.....	IX
1057—Barrie Shaffner.....	Halifax.....	IX
1058—Charles Cantfell.....	Dutch Settlement.....	IX
1059—Robbie Lawrence Webber.....	Ship Harbor Lake.....	IX
1060—Robert Jack Innes.....	Porter's Lake.....	IX
1061—Wilfred Myzner.....	Porter's Lake.....	IX
1062—Lewis E. Warner.....	Dartmouth.....	IX
1063—Colin Dunn.....	Dartmouth.....	IX

1064—Ernest Thompson.....	Dartmouth.....	IX
1065—Rhody Armitage.....	Halifax.....	IX
1066—Wilfred Butler.....	Halifax.....	IX
1067—Cecil Flick.....	Halifax.....	IX
1068—George Hattie.....	Halifax.....	IX
1069—Stanley Lee.....	Halifax.....	IX
1070—Esmond Shaw.....	Halifax.....	IX
1071—Otto Leslie.....	Halifax.....	IX
1072—Ronald Steck.....	Halifax.....	X
1073—Mary Brown.....	Porter's Lake.....	IX
1162—Leland Richardson.....	Bedford.....	IX
1163—Douglas Gordon Christie.....	Bedford.....	IX

## INVERNESS.

1074—Jim Dan Kennedy.....	Port Ban.....	VIII
1075—John Dan Rankin.....	Port Ban.....	VIII
1076—Hugh A. McNeil.....	South West Margaree.....	VIII
1077—Alex Willie McDonald.....	South West Margaree.....	VIII
1078—Joseph Angus Gillis.....	South West Margaree.....	VIII
1079—William James AuCoin.....	Eastern Harbor.....	VIII
1080—John Alexander McLean.....	Inverness.....	VII
1081—John Allan McDonald.....	Margaree Harbor.....	VI
1082—Willie McRae.....	North East Margaree.....	IX
1083—Mary Catherine McEachern.....	Dunvegan.....	IX
1084—Mary Belle McLellan.....	Broad Cove Chapel.....	IX
1085—Marjorie McLellan.....	Broad Cove Chapel.....	IX
1086—Mary Flora McEachern.....	Broad Cove Chapel.....	IX
1087—Katie Maggie Kennedy.....	Broad Cove Chapel.....	IX
1088—Mary Bridgette McIsaac.....	Strathlorne.....	IX
1089—William Charles Boudreau.....	Eastern Harbour.....	IX
1090—Neil John McLeod.....	St. Rose.....	IX
1091—Pearl Agnes Abriel.....	Dunvegan.....	IX
1092—Mary Christina McIsaac.....	Dunvegan.....	IX
1093—Angus Joseph McDonald.....	Broad Cove Chapel.....	IX
1094—Christina Saidie McLellan.....	South West Margaree.....	IX
1095—John Angus McDonald.....	South West Margaree.....	IX
1096—Charles Edward Lord.....	South West Margaree.....	IX
1097—Florence McLeod.....	St. Rose.....	IX
1098—William Edward Collins.....	South West Margaree.....	IX
1099—Catherine Jessie McLellan.....	South West Margaree.....	IX
1100—Catherine Eliza Gillis.....	South West Margaree.....	IX
1101—Christena Belle Gillis.....	South West Margaree.....	IX
1102—Christy Ann McInnis.....	Glenville.....	IX
1103—Vincent James Coady.....	North East Margaree.....	X
1104—Mary Sophia McLean.....	Strathlorne.....	IX
1105—Daniel Augustine McLellan.....	Broad Cove Chapel.....	IX
1106—James McLennan.....	Inverness.....	IX
1107—Angus Allen McIsaac.....	Port Hood.....	IX
1108—Stellarton Allen McIsaac.....	Port Hood.....	IX
1109—John Hugh McEachern.....	Broad Cove.....	IX
1110—William D. Chisholm.....	Margaree Forks.....	IX
1111—Sarah Christy MacKinnon.....	Chimney Corner.....	IX
1112—Wilfred McDaniel.....	Margaree Forks.....	IX
1113—Bernard Chiasson.....	Margaree Forks.....	IX
1114—William T. Chiasson.....	Margaree Forks.....	IX
1115—Annie Louise LeBlanc.....	Belle Cote.....	IX
1116—Rose Jessie McFarlane.....	Scotsville.....	IX
1117—Marie Hannah LeBlanc.....	Belle Cote.....	IX
1118—John Charles McRae.....	St. Rose.....	IX
1119—Mary Margaret Cameron.....	West Lake Ainslie.....	IX
1120—Mary Jessie Walker.....	West Lake Ainslie.....	IX
1121—James Patrick Gallant.....	Belle Cote.....	IX
1122—Lucy Agnes LeBlanc.....	Friar's Head.....	IX
1123—Jessie Ann Gillis.....	South West Margaree.....	IX

1124—	Mary Ann Gillis.....	South West Margaree.....	X
1126—	Angus J. McLellan.....	Pipers Glen.....	X
1127—	Dan Angus Collins.....	South West Margaree.....	X
1128—	Jessie Margaret McLellan.....	South West Margaree.....	X
1129—	Jessie McIsaac.....	Strathlorne.....	X
1130—	Sarah Ellen LeBlanc.....	East Margaree.....	X
1131—	George John Fraser.....	Inverness.....	X
1132—	Carl Cassidy.....	St. Rose.....	X
1133—	Ellen McQuarrie.....	Inverness.....	X
1134—	Margaret McDonald.....	Broad Cove Chapel.....	X
1135—	John Daniel Beaton.....	Black River.....	X
1136—	Donald Vincent Chisholm.....	Inverness.....	X
1137—	Hugh Angus McMaster.....	Creignish.....	X
1138—	Jos. Fred McCormack.....	MacCormacks P. O.....	X
1139—	Rod Alex. McLennan.....	Inverness.....	X
1140—	Olive Elizabeth Munro.....	Margaree Harbor.....	X
1141—	Albert McDaniel.....	Margaree Forks.....	X
1142—	Alexander Leo Gillis.....	Margaree Forks.....	X
1143—	Arthur W. Coady.....	Margaree Forks.....	X
1144—	Roderick J. Chisholm.....	Margaree Forks.....	X
1145—	Jessie Ida Phillips.....	Belle Cote.....	X
1146—	Mary Elizabeth Deveau.....	Belle Cote.....	X
1147—	Minnie M. Gillis.....	Broad Cove Chapel.....	XI
1148—	John Frances Chisholm.....	Inverness.....	XI
1149—	John Angus McPherson.....	Broad Cove.....	XI
1150—	Edgar Hastings Henderson.....	Inverness.....	XI
1151—	Edwin Clarence Cameron.....	Inverness.....	XI
1152—	Annie Mary McKenzie.....	Ainslie Point.....	XI
1153—	Eunice Margaret Lawrence.....	Inverness.....	XI
1154—	Sara McFarlane.....	Dunvegan.....	XI
1155—	Margaret McFarlane.....	Mt. Borden Up. Margaree.....	XI
1156—	Mary Alice Donahue.....	Inverness.....	XI
1157—	Mary Helen Lord.....	Inverness.....	XI
1158—	Mary McLellan.....	Inverness.....	XI
1159—	Isabel Ling.....	Inverness.....	XI
1160—	Raymond D. Miller.....	Margaree Forks.....	XI

PICTOU.

1161—	William Joseph Conway.....	Plymouth.....	IX
1346—	Elizabeth Grace Smith.....	Central Ponds, Merigomish.....	IX

VICTORIA.

1164—	Neil MacKinley MacDonald.....	Skir Dhuc.....	X
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INVERNESS.

1165—	Daniel O'Connell McDonald.....	Margaree Harbor.....	X
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CAPE BRETON.

1166—	Mary Lillian Driscoll.....	Glace Bay.....	XII
1167—	Claude Sartoris Richardson.....	Sydney.....	XI
1168—	Fred Lawrence Smyth.....	Sydney.....	XI
1169—	Murray Wardrope Campbell.....	Sydney.....	XI
1170—	John Verner.....	Glace Bay.....	XI
1171—	Donald McPherson.....	Glace Bay.....	XI
1172—	Russell Lawlor.....	Glace Bay.....	XI
1173—	Hibbert Spencer Dillon.....	North Sydney.....	X
1174—	John Joseph Gillis.....	Mira Gut.....	X
1175—	John A. Nicholson.....	East Bay.....	X
1176—	Robert John McCharles.....	Louisburg.....	X
1177—	Harold Roderick McCharles.....	Sydney.....	X
1178—	Adam Lily Boyd.....	Sydney.....	X

1179—George Ted Ritcey	Sydney	X
1180—Murdock Frank McLean	Sydney	X
1181—George Henry Midgley	Sydney	X
1182—Herbert Stuart Grey	West Bay	X
1183—Frank Wilfred McPherson	Sydney	X
1184—Effie McDougall	Albert Bridge	X
1185—Lawrence Hugh McIsaac	Sydney	X
1186—Blanchard Parry Dodge	Sydney	X
1187—William Douglas Gunn	Sydney	X
1188—Edward L. McDonald	Sydney	X
1189—Elizabeth Annie McQuarrie	Glance Bay	X
1190—Bernard McKinnon	Glance Bay	X
1191—Ernest McDonald	Glance Bay	X
1192—Dan McCuish	Glance Bay	X
1193—Harold Muggah	Glance Bay	X
1194—Rudolph Haase	Glance Bay	X
1195—Elsie Boyd	Glance Bay	X
1196—Malcolm Ferguson	Glance Bay	IX
1197—Lila Ingraham	North Sydney	IX
1198—Katherine Redmond	North Sydney	IX
1199—Irving Allen	North Sydney	IX
1200—Walter Jackson	Jacksonville	IX
1201—Lionell Pius Roberts	Lingan	IX
1202—Christine Ann McRury	Clark's Road	IX
1203—Allen Daniel McLellan	Albert Bridge	IX
1204—James Edward Myson Meikle	Sydney	IX
1205—Fred McLean	Sydney	IX
1206—Roy Alexander McKenzie	Sydney	IX
1207—Robert John McKinnon	Sydney	IX
1208—Kenneth Beaton	Sydney	IX
1209—Colin Hubert McLeod	Sydney	IX
1210—Lawn Mildred Ripley	Sydney	IX
1211—William Eric Dunn	Sydney	IX
1212—John Anthony McDonald	Sydney	IX
1213—Mary Bell McAulay	Sydney	IX
1214—Effie McDonald	Catalone	IX
1215—Agnes McDougall	Albert Bridge	IX
1216—Richard McFarlane	Glance Bay	IX
1217—Donald Wm. McPherson	Glance Bay	IX
1218—Alex B. Campbell	Glance Bay	IX
1219—William Carmichael	Glance Bay	IX
1220—Howard Ferguson	Glance Bay	IX
1221—Donald McLennan	Glance Bay	IX
1222—Whitfield McKinnon	Glance Bay	IX
1223—Duncan Morrison	Glance Bay	IX
1224—James Driscoll	Glance Bay	IX
1225—Bernard Baxter	Glance Bay	IX
1226—Elizabeth Agnes McPherson	Glance Bay	VIII
1227—Malcolm McPherson	Old Bridgeport	VIII
1228—Harold McSavanev	Old Bridgeport	IX
1229—Daniel McNeil	Old Bridgeport	VIII
1230—Willie K. Johnstone	Old Bridgeport	VIII
1231—Justin Bennett	Old Bridgeport	VIII
1232—Gilbert McKay	Old Bridgeport	VIII
1233—Kenneth D. Beaton	Old Bridgeport	VIII
1234—Murray Dingwall	South Bar	VIII
1235—Edgar Joseph Gunnery	Lingan	VIII
1236—Neil A. McKeigan	Catalone	VIII
1237—Wallace Landry	Sydney	VIII
1238—Donald McNeil	Sydney	VIII
1239—Robert Campbell	Sydney	VIII
1240—John Fraser McNeil	Sydney	VIII
1241—Alex McPhee	Sydney	VIII
1242—Stephen MacPhee	Sydney	VIII
1243—Jack Murphy	Sydney	VIII



1244	—Charles McPherson	New Waterford	VIII
1245	—Theodore Leonard Ogilvie	Glace Bay	VIII
1246	—Frederick Charles Brodie	Glace Bay	VIII
1247	—Daniel James Kennedy	Glace Bay	VIII
1248	—Dan Archie McLean	Glace Bay	VIII
1249	—William Hector McLean	Glace Bay	VIII
1250	—Donald Leonard McLean	Glace Bay	VIII
1251	—Robert McNeil	Glace Bay	VIII
1252	—Murdoch McQueen	McKay's Corner	VIII
1253	—Thomas A. Leslie	Glace Bay	VIII
1254	—John Allan McIntosh	Glace Bay	VIII
1255	—Joseph Charles McInnis	Glace Bay	VIII
1256	—James McKenzie	Caledonia Mines	VIII
1257	—Isaac Medjuck	Caledonia Mines	VIII
1258	—Richard Y. Wilton	Dominion No. 4	VIII
1259	—Rachael McNeil	Benacadie	VII
1260	—Lauchie Kelly	Old Bridgeport	VII
1261	—John McMullen	Old Bridgeport	VII
1262	—Aubrey Stephens	Old Bridgeport	VII
1263	—Donald John McMullin	Upper Gr. Mira	VII
1264	—John Hector McQueen	Dutch Brook	VII
1265	—J. Elliott Beaton	Leitch's Creek Station	VII
1266	—Neil Archibald McLean	Glace Bay	VII
1267	—Howard McKeigan	Glace Bay	VII
1268	—Gordon McKeigan	Glace Bay	VII
1269	—Michael Campbell	Glace Bay	VII
1270	—Malcolm J. O'Handley	Dominion No. 4	VII
1271	—Daniel Curry	Dominion No. 4	VII
1272	—Joseph Martin McIntosh	Glace Bay	VII
1273	—Frederick Henry Huntington	Huntington	VI
1274	—Thomas Boone	Old Bridgeport	VI
1275	—George Boutilier	Gardiner Mines	VI
1276	—Charles Corbett	Old Bridgeport	VI
1277	—Roy Martell	Old Bridgeport	VI
1278	—Lavinia Munroe	Old Bridgeport	VI
1279	—Neil McDougall Brodie	Glace Bay	VI
1280	—Harold Rogers Hull	Glace Bay	VI
1281	—William Maxwell	Glace Bay	VI
1282	—Joseph Petrie	Glace Bay	VI
1283	—Hugh Rogers	Glace Bay	VI
1284	—Roderick McInnis	Glace Bay	VI
1285	—John McCluskey	Glace Bay	VI
1286	—Joseph McDonald	Upper Gr. Mira	VI
1287	—John Ambrose McArthur	Upper Gr. Mira	VI
1288	—Ernest McDonald	McKays Corner	IV
1289	—Francis Joseph Shea	Dominion No. 4	VI
1290	—Patrick Edward Dooley	Dominion No. 4	VI
1291	—Alymer Lawrence Friander	Glace Bay	VI
1291	—David James Le Roi Lawley	Glace Bay	VI
1293	—Peter McNeil	Benacadie	V
1294	—John McMullin	Upper Gr. Mira	V
1295	—Malcolm J. McMullin	Piper's Cove	V
1296	—Joseph Goodie	Benacadie West	V
1297	—John Anthony McNeil	Piper's Cove	V
1298	—Ronald Corbett	Old Bridgeport	V
1299	—Dan J. McDonald	Old Bridgeport	V
1300	—John Beaton	Old Bridgeport	V
1301	—Abraham Campbell	Old Bridgeport	V
1302	—Stewart McKeigan	Horn's Road	V
1303	—Ernest McDonald	Dominion No. 6	V
1304	—Melvin Gilholm	Dominion No. 6	V
1305	—John McNeil	Irish Vale	V
1306	—Andrew Drummond Irvin	Glace Bay	V
1307	—William Fraser McLeod	Sydney	V
1308	—Plummer Shawe	Borden	V

1309—James Lauchlin McKay	Glace Bay	V
1310—Norman McDonald	Glace Bay	V
1311—William Addicott	New Aberdeen	V
1312—Stephen McKinnon	New Aberdeen	V
1313—Alexander McNeil	Bridgeport	V
1314—Francis McDonald	Glace Bay	V
1315—Charles Myers	Caledonia Mines	V
1316—Roderick McDonald	Caledonia Mines	V
1317—John Crawford McLeod	Glace Bay	V
1318—Angus McLeod	Glace Bay	IV
1319—Vincent Rigby	New Waterford	IV
1320—Lloyd Evans	Glace Bay	IV
1321—Daniel Lauchlin McDonald	Glace Bay	IV
1322—William Ferneybough	New Aberdeen	IV
1323—Leo McKinnon	New Aberdeen	IV
1324—Ambrose McNeil	Glace Bay	IV
1325—Anthony McDonald	Glace Bay	IV
1326—John McKinnon	Glace Bay	IV
1327—Richard Dittrick	Dominion No. 4	IV
1328—Nicholas Ernest McDonald	McKay's Corner	IV
1329—Alexander Campbell	Caledonia Mines	III
1330—Angus J. McNeil	Piper's Cove	III
1331—Peter Emberly	Benacadie	III
1332—Anthony McNeil	Middle Cape	III
1333—Edward Alexander McOdrum	Glace Bay	II
1334—Percy Louis McPherson	New Aberdeen	II
1335—Samuel Lynk	Bridgeport	II
1336—James Cameron	Bridgeport	II
1337—Alexander Campbell	Caledonia Mines	II
1338—Michael J. McNeil	Benacadie West	II
1339—Frederick Lynk	Bridgeport	X
1340—Elizabeth Agnes Ferguson	Glace Bay	

## HALIFAX.

1341—Arthur Gorham	Halifax	IX
1342—John McCurdy	Halifax	IX
1343—Richard Massey Williams	Halifax	IX
1344—Lawrence Wright Harding	Elmsdale	IX
1345—Arthur Roy Withrow	Elmsdale	IX
1347—Maurice Cunningham	Halifax	

In order to make it possible for the schools of Nova Scotia to join the army of food producers, the following regulation was passed by the Council of Public Instruction:—[See *Journal of Education*, April 1917, pp. 138-139].

“**Ordered** that pupils certified by the teacher to be standing well in their grades about the first of May this year, who carry out the program of the National Service Commission and the Provincial Department of Agriculture by being regularly and effectively employed in helping in farm work for four or more weeks between May 1st and the closing of the school term, may (provided during the rest of the term they are in regular attendance and doing good class work) have their certified days of such employment if sent to the teacher before the last day of the school term in June, entered in the school register and the school return as days of school attendance, and as such draw their legal proportion of the Municipal school fund.

All such pupils with their days of work thus acknowledged as the equivalent of public school attendance, shall be reported by the teacher thru the Inspector to the Education Department which shall issue a National Service Certificate to such pupils, which shall be accepted as a pass certificate into the next highest grade in the school.

PROVINCIAL AID

To Teachers employed in the Public Schools for the half year ended 30 June, 1917.

Number of Teaching Days employed.  
Amt paid to Teachers from Provincial Treasury.

ANNAPOLIS EAST.

Elliott, Ora B.	103	75 00
Jeffrey, R. L.	102	74 27
Woodbury, Ada M	103	75 00
Banks, Beriah S.	103	60 00
Banks, Josephine	103	60 00
Bent, Sarah R.	103	60 00
Bustin, Harry L.	103	60 00
Chipman, Mary L.	102	59 41
Connell, Mary M.	103	60 00
Cossitt, Ethel J.	103	60 00
Crawford, Lillian E.	103	60 00
Crawford, Florence M.	102	59 41
Fulmer, Viola A.	103	60 00
Graves, Laura H.	103	60 00
Longley, Mary E.	102	59 41
Lloyd, Constance	103	60 00
McAloney E. Kathleen	103	60 00
McCormick, A. E	103	60 00
Marshall, Mabel L.	101	58 83
McGill, Flora M.	102	59 41
Morrison, Myrtle A.	96	55 91
Neily, Pauline A.	102	59 41
Palfrey, Mary M.	103	60 00
Potter, Effie Mae Coy	103	60 00
Potter, Effie Mae Coy, (Lib.)		10 00
Ritchie, Adelaide M.	101	58 83
Spinney, Theodore H.	103	60 00
Smith, Dora P.	103	60 00
Strong, Gladys B.	103	60 00
Thurber, Ronald E.	103	60 00
Tingley, Ruth B.	103	60 00
Whelock, Mildred E.	103	60 00
Banks, Ida B.	103	45 00
Bowlby, Cora M.	103	45 00
Boylan, Alice E.	90	39 31
Chesley, Ella M.	103	45 00
Fales, Annie L.	103	45 00
Gaul, Ethel	101	44 12
Gillis, Josephine	103	45 00
Hall, Stephen F.	103	45 00
Hines, Celia G.	103	45 00
McAloney, Marion A.	103	45 00
Marshall, Carrie O.	102	44 56
Snow, Helen M.	102	44 56
Spurr, Annie M.	103	45 00
Spurr, Hortense V.	103	45 00
Bayer, Olivia	103	30 00
Banks, Myrtle F.	102	29 70

Bowlby, Idaline L.	103	30 00
Bowlby, James L.	103	30 00
Brown, Georgie M.	103	30 00
Buckler, Nellie M.	103	30 00
Daniels, Gladys K.	103	30 00
Morgan, Elizabeth E.	103	30 00
Parker, Minnie L.	103	30 00
Payson, Laurie M.	103	30 00
Phinney, M. Vivian	102	29 70
Reinhardt, Glady M.	102	29 70
Ritcey, Hattie E.	103	30 00
Robinson, Mary J.	103	30 00
Sawler, Winnie B.	103	30 00
Smith, Pauline S.	103	30 00
Swallow, Jessie P.	102	29 70
Whitman, Laura B.	100	29 12
Whitman, Eva May	103	30 00

Poor Sections.

Bent, Lottie A.	98	37 41
Bushe, Ethel M.	94	35 89
Crouse, Sadie B.	102	38 95
Fox, Edith	78	29 79
Horton, Marion J.	103	39 34
Messinger, Effie G.	103	39 34
Parker, Pearl Melinda	98	37 41
Ward, Helen W.	103	39 34

Assistant.

Neily, Nina M.	68	13 19
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Annuitants.

Brown, A. D.		60 00
McGill, George B.		60 00
Richardson, Mrs. R. A.		60 00
Vidito, Helen A.		60 00

ANNAPOLIS WEST.

Ruggles, Lenfest	103	105 00
Crowell, Deborah C.H.	103	75 00
Balcolm, Irene C.	103	60 00
Boran, Elbridge	103	60 00
Buckler, Kathleen R.	103	60 00
Bent, Cynthia J.	101	58 83
Chipman, Emma W.	103	60 00
Corkum, Inez B.	103	60 00
Eaton, Vera H.	102	59 41
Griffin E. Hortense	103	60 00
Gunn, Hazel C.	103	60 00
Hall, Agnes Mae	103	60 00
Harris, C. Louise	103	60 00
Jackson, Gladys	103	60 00
Lent, M. Claire	103	60 00
Longley, Ronald S.	103	60 00
Longley, Ronald S. (Lib.)		5 00
Munroe, Cora M.	100	58 21
Powell, Lillian	102	59 40
Poole, Vere	103	60 01
Potter, Mary	5	2 80
Randolph, Mary Fitz	96	56 20

Rooney, Annie I.	103	60 00	Sr. St. Thomas desAnges	103	90 00
Tosh, Ivy I.	103	60 00	Cunningham, Velma	103	75 00
Wentzell, Harriet	103	60 00	Rettie, Annie I.	103	75 00
Whitman, Lillian R.	103	60 00	McAmis, Katie	103	60 00
Banks, Flora L.	97	42 37	Macdonald, Sadie	83	48 34
Covert, Stella M.	103	45 00	McIsaac, Jean	103	60 00
Jackson, Annie L.	103	45 00	McIntosh, Janet E.	103	60 00
Margeson, Hanna L.	103	45 00	McLean, William	103	60 00
McBride, Beulah	103	45 00	Sr. M. Leonora	103	60 00
Porter, Lulu DeBlois	103	45 00	Sr. St. Maria Paula	103	60 00
Roy, Maud E.	103	45 00	Strople, Stella M.	103	60 00
Rmpson, Lizzie M.	54	23 58	Boyd, Effie Ann	102	44 56
Spinney, Laura B.	102	44 56	Baudreau, Cecile I.	103	45 00
Steadman, Joseph E.	103	45 00	Cameron, Mary Belle	102	44 56
Whitman, Minnie C.	102	44 56	Cameron, Allan D.	103	45 00
Winchester, Dora M.	103	45 00	Chisholm, Sarah C.	103	45 00
Apt, Evelyn Belle	103	30 00	Chisholm Florence	103	45 00
Baxter, Ruth C. D.	102	29 70	Chisholm, Margaret N.	103	45 00
Bent, Rhoda M.	103	30 00	Dunn, Florence C.	97	42 37
Campbell, Frances R.	97	28 24	Floyd, Alice	103	45 00
Chute, Mary Anna	98	28 53	Homer, Catherine C.	103	45 00
Cossaboom, Annie F.	103	30 00	McDonnell, John	103	45 00
Crowe, Cossy Beatrice	103	30 00	Macdonald, Mary	103	45 00
DeVaney, Annie T.	101	29 41	Macdonald, Catherine	103	44 56
Goucher, Audrey B.	98	23 53	Macdonald, Mary Ann	102	45 00
Gregory, Ella D.	103	30 00	Macdonald, Angus G	103	45 00
Jones, Estella A.	103	30 00	Macdonald, Margaret	103	44 56
Kempton, P. C.	101	29 41	Macdonald, Catherine	102	44 12
Miller, Birdie G.	103	30 00	McEachern, Penelope	101	45 00
Sanders, Jane O.	102	29 70	McGillivray, Kate A.	103	45 00
Spurr, Julia T.	103	30 00	McKenzie, Gertrude	103	45 00
Steadman, Beulah M.	103	30 00	McKeough, Annie	103	45 00
Young, Ruth E.	103	30 00	McLean, Josephine	103	45 00
			McPherson, Catherine	103	45 00
			Mullins, Annie J.	103	45 00
			Murphy, Mark	103	45 00
			Nichols, Eva M.	103	45 00
			Pettipas, W. Ambrose	103	45 00
			Riley, Nellie M.	103	45 00
			Sr. R. Berchmans	103	45 00
			Sr. M. Pelagia	103	45 00
			Sr. St. Etheltrude	103	45 00
			Sr. St. Hugh	103	45 00
			Sr. St. Mary Matilda	103	45 00
			Sr. St. Walburga	103	30 00
			Boucher, Stephen H.	103	30 00
			Campbell, Mary	103	30 00
			Cameron, Catherine	103	30 00
			Cameron, Eva	103	30 00
			Chisholm, Helen V.	103	30 00
			Chisholm, Etta C.	103	30 00
			Fraser, Hugh A.	103	30 00
			Grant, Isabel	103	30 00
			Hogan, Catherine H.	103	30 00
			Macadam, Mary	103	30 00
			Macdonald, Margaret M.	103	30 00
			Macdonald, Mary M.	103	29 70
			Macdonald, Alexander	102	29 70
			Macdonald, Mary F.	102	30 00
			Macdonald, Henrietta	103	30 00
			Macdonald, Harriett	103	30 00
			Macdonald, Annie	103	30 00
			McDougall, John A.	103	30 00
			McIsaac, Mary	103	30 00
			McIsaac, Florence M.	103	29 41
			McLellan, Sadie M.	101	
<b>Poor Sections.</b>					
Banks, Olive L.	102	38 95			
Beach, Sarah E.	103	39 34			
Berry, Ella M.	103	39 34			
Cooke, Hattie	103	39 34			
DeFrest, Hazel L.	56	21 38			
Messenger, Lizzie L.	73	27 89			
Poole, Ida May	102	38 95			
Saunders, Ruth H.	63	24 06			
Ward, Harold D.	102	38 95			
Woodworth, Ruth F.	68	25 96			
<b>Special Poor Section.</b>					
Lake Munro		25 00			
<b>Consolidation.</b>					
Perotte, Con. under Sec. 5 (21)		24 77			
<b>Annuitants.</b>					
Jones, Watson C.		45 00			
Shaffner, S. C. (1st hf. year)		210 00			
Shaffner, S. C. (2nd hf. year)		210 00			
<b>ANTIGONISH.</b>					
Boyle, Janie	92	80 37			
Coady, Moses M.	68	69 30			

McNaughton, Sarah I.	103	30 00	Brehaut, Charlotte E.	101	73 54
Roberts, Alice	103	30 00	Cameron, Sara	102	59 41
Sr. St. Mary Beatrice	103	30 00	Crowell, Wilfred R.	103	75 00
Watkins, Isabel	103	30 00	Elderkin, Marguerite	101	73 54

**Poor Sections.**

Chisholm, Mary C.	94	36 50	Gray, Hazel A.	98	71 36
Fitzgerald, Annie	73	28 34	Israel, Doris	101	73 54
Gillis, Ida	103	40 00	Keefe, Agnes C.	101	73 54
Macdonald, Anna B.	103	40 00	LeVatte, Myrtle	101	73 54
Macdonald, Catherine	103	40 00	Lindsay, Harriet L.	101	73 54
Macdonald, Catherine	101	39 22	MacDonald, Catherine	46	33 49
McGillivray, Mary M.	103	40 00	McDougall, Lexina	103	75 00
McGillivray, Annie J.	95	36 89	MacEachern, Stephen	101	73 54
McKinnon, Annie J.	95	36 89	MacKay, Georgina M.	103	75 00
McLean, Marie T.	103	40 00	MacKinnon, Jessie M.	101	73 54
McNaughton, Mary G.	102	59 61	McNutt, Orpha M.	101	73 54
McNeil, Rita	99	38 45	O'Brien, Mary E.	103	75 00
Rogers, Isabel	103	40 00	Phillips, Otto B.	98	71 36
Stewart, Millie M.	103	40 00	Purcell, Duncan J.	101	73 54
Stewart, Sadie A.	103	40 00	Ross, Annie M.	101	73 54

**Special Poor Section.**

College Grant	103	30 00
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**Assistants.**

Sr. St. Margaret	103	50 00
Macdonald, Dan J.	68	19 79
Macdonald, Hugh J.	92	17 86

**Consolidation.**

Georgeville	103	30 00
West River	103	30 00
West River	103	30 00

**Annuitants.**

Gillis, Angus	60 00
Somers, Alex. M.	60 00
Boyd, Angus A.	45 00
Cameron, William	45 00
Chisholm, Dan. M.	45 00
Fraser, William	45 00
McPherson, John A.	45 00
Martin, Ellen	30 00

**CAPE BRETON.**

Archibald, John T.	101	88 24	Brehaut, Charlotte E.	101	73 54
Bingay, James	103	105 00	Cameron, Sara	102	59 41
Creelman, William A.	101	102 95	Crowell, Wilfred R.	103	75 00
Davidson, Milton D.	103	105 00	Elderkin, Marguerite	101	73 54
Ellis, Russel	101	88 24	Ellis, Mary A.	101	73 54
Haverstock, W. E.	101	102 95	Finlayson, Duncan K.	100	72 81
Martin, Oscar M.	102	103 97	Fownes, Ella M.	101	73 54
Culton, Charles A.	101	88 24	Gray, Hazel A.	98	71 36
Trask, J. Logan	101	88 24	Israel, Doris	101	73 54
Bearse, Esther R.	101	73 54	Keefe, Agnes C.	101	73 54
Bishop, Anetta C.	94	68 45	LeVatte, Myrtle	101	73 54
Boyle, Thomas O'R	101	73 54	Lindsay, Harriet L.	101	73 54
			MacDonald, Catherine	46	33 49
			McDougall, Lexina	103	75 00
			MacEachern, Stephen	101	73 54
			MacKay, Georgina M.	103	75 00
			MacKinnon, Jessie M.	101	73 54
			McNutt, Orpha M.	101	73 54
			O'Brien, Mary E.	103	75 00
			Phillips, Otto B.	98	71 36
			Purcell, Duncan J.	101	73 54
			Ross, Annie M.	101	73 54
			Sister M. Camilla	103	75 00
			Sister M. Vincent	74	53 89
			Stephens, Gladys G.	101	73 54
			Underwood, George A.	103	75 00
			Anderson, Isabelle M.	103	60 00
			AuCoin, Lucy	102	59 41
			Bissett, Clara	103	60 00
			Bown, Eleanor F.	103	60 00
			Bown, Violet E.	103	60 00
			Boyd, Christina	103	60 00
			Brody, Esther	103	60 00
			Brown, Elizabeth C.	101	58 83
			Bruce, Bessie W.	102	59 41
			Byrne, Ethel G.	103	60 00
			Cameron, Janet F.	103	60 00
			Campbell, Flo. D.	103	60 00
			Campbell, Lizzie M.	103	60 00
			Collins, Sadie C.	103	60 00
			Connors, Irene B.	102	59 41
			Courteen, Violet	103	60 00
			Crowell, Iona M.	102	59 41
			Davis, Kathreen	101	58 83
			Donohue, Katherine G	103	60 00
			Dorsay, Sadie A.	101	58 83
			Doucette, Alma M.	101	58 83
			Edgecombe, Ethel L.	101	58 83
			Ferguson, Lillian M.	101	58 83
			Fife, Annie M.	103	60 00
			Fogarty, Laura J.	103	60 00
			Foster, Lillian	101	58 83
			Gannon, Mary J.	102	59 41
			Gates, Lena M.	101	58 83
			Gillis, Mary D.	105	60 00
			Goode, Myrtle M.	101	58 83
			Gouthro, Alice	103	60 00
			Grant, Maria	101	58 83
			Greenwell, Bertha L.	101	58 83
			Gunn, Annie	101	58 83
			Harvey, Orpha	101	58 83
			Hicks, Blanche G.	103	60 00
			Holmes, Laura V.	103	60 00
			Howard, Clarence E.	103	60 00
			Ingraham, Carmita M.	103	60 00
			Ingraham, Grettie I.	103	60 00

Johnston, Elmor S.	103	60 00	Sister St. Bernard	101	58 88
Johnston, Joan	102	59 41	Sister St. Jean	101	58 88
Johnston, Mabel	101	58 83	Sister St. John N.	101	58 88
Kay, Mary Elizabeth	101	58 83	Sister St. Mary Asc	103	60 00
Kay, Mary Ethel	101	58 83	Sister St. M. Michael	102	59 41
Keats, Pauline M.	102	59 41	Sister St. Osmond	102	59 41
LeVatte, Emily J. E.	103	60 00	Somers, Bernadette	101	58 83
Livingstone, Cassie M.	101	58 83	Stalker, Elizabeth J.	101	58 83
Lukeman, Eva F.	102	59 41	Stevens, Maude A.	103	60 00
Maddonald, Mary B.	103	60 00	Stropole, Gwladys E.	103	60 00
McDougall, Helen	103	60 00	Sutherland, Mary	103	60 00
McDougall, Jean	101	58 83	Watson, Anna M.	101	58 83
Macintosh, Anna B.	101	58 83	Weatherbee, Ava R.	102	59 41
MacIntosh, Grace A.	101	58 83	Woodill, Arthur W.	103	60 00
MacIntyre, Mary E.	101	58 83	Young, William H.	103	60 00
MacIsaac, Margaret	101	58 83	Baxendale, Annie	101	45 56
MacKenzie, Josephine	101	58 83	Bentley, Bessie C.	103	45 00
McKenzie, Kate A.	101	58 83	Bird, A. Vera	103	45 00
McLean, Christina	103	60 00	Boyle, Emma	101	44 12
McLean, Edna	103	60 00	Broderick, Annie	103	45 00
McLean, Eleanor C.	103	60 00	Brown, Sara	101	44 12
McLean, S. Agnes	103	60 00	Browner, Vivien	103	45 00
McLellan, Stella	102	59 41	Burke, H. Beatrice	102	44 56
McLennan, A. J.	101	58 83	Campbell, Annie	103	45 00
McLeod, Martha	102	59 41	Campbell, Jessie	102	44 56
MacLeod, Roger S.	101	58 83	Campbell, Mary Agnes	103	45 00
McMillan, Katherine	100	58 25	Campbell, Mary M.	98	42 80
MacNeil, Jennie E.	101	58 83	Cash, Elizabeth J.	103	45 00
McNeil, John I.	101	58 83	Coffey, Katherine E.	44	19 21
MacNeil, Kate	101	58 83	Costello, Georgina	101	44 12
McNeil, Mary C.	103	60 00	Currie, Jessie	103	45 00
McNeil, Sarah Ann	103	60 00	Dickie, Mabel B.	103	45 00
McNeil, Stella M.	101	58 83	Farquharson, Annie	101	44 12
MacPherson, Bertha	101	58 83	Fraser, Katherine	101	44 12
Madower, Henrietta J.	103	60 00	Fyfe, Magdalen M.	101	44 12
Maguire, Gertrude J.	102	59 41	Fyfe, Nora	101	44 56
Matheson, Maude H.	97	56 49	Gillis, Katherine L.	102	44 56
Moore, Edith F.	101	58 83	Gillis, Mary E.	103	45 00
Moreshead, Mary A.	101	58 83	Gouthro, Lillian	102	44 56
Munn, Ella M.	94	54 74	Grant, Bertha A.	86	37 55
Munn, Nina A.	103	60 00	Hillier, Bertha	103	45 00
Nauss, R. Blanche	103	60 00	Irish, Helena G.	103	45 00
O'Connell, Bridget	102	59 41	Johnston, Agatha A.	103	45 00
O'Keefe, Margaret M.	103	60 00	Kavanagh, Eva C.	103	45 00
Ouellette, Lena	102	59 41	Kerr, Annie F.	103	44 56
Peck, Mary E.	103	60 00	Laffen, Mary H.	102	44 56
Porter, Mary I.	102	59 29	Leydon, Ella L.	95	41 49
Power, Winifred L.	101	58 83	MacAskill, Jessie M.	102	44 56
Ritcey, Geraldine	103	60 00	Macaulay, Ida H.	103	45 00
Schurman, Sadie	101	58 83	McAulay, Nina	101	44 12
Sister Agnes Maria	103	60 00	McCormick, Katherine	101	44 12
Sister M. Aloyse	103	60 00	McDaniel, Margaret E.	101	45 00
Sister M. Ambrosia	103	60 00	MacDonald, Cassie	103	44 12
Sister M. Andrea	103	60 00	MacDonald, Daisy F.	101	45 00
Sister M. Annette	103	60 00	MacDonald, Genevieve	103	45 00
Sister M. Camillus	18	10 47	MacDonald, Jessie	103	44 12
Sister M. Chrysostom	102	59 41	MacDonald, Joanna	101	38 43
Sister M. Clarissa	103	60 00	MacDonald, Katherine	88	44 12
Sister M. Clement	103	60 00	MacDonald, Lovetta	101	45 00
Sister M. Cleophas	85	49 50	Macdonald, Nellie	103	44 12
Sister M. Isidore	103	60 00	MacDonald, Sarah	101	44 12
Sister M. Josita	103	60 00	MacDonald, Sarah B.	101	41 56
Sister M. Leonarda	103	60 00	Macdonald, Theresa	96	45 00
Sister M. Margaret	103	60 00	McDougall, Agnes	103	45 00
Sister M. Ursula	103	60 00	McDougall, Katherine	103	28 57
Sister Teresa Joseph	103	60 00	McDougall, Katherine B.	85	

McDougall, Mabel	23	10 03	Baker, Rita C.	70	20 39
McDougall, Mary	103	45 00	Battersby, Ethel E.	103	30 00
MacIsaac, Margaret	101	44 12	Beaver, Lena M.	102	29 70
MacIsaac, Margaret	103	45 00	Boutilier, Laura M.	82	23 88
MacIsaac, M. Catherine	102	44 56	Burchell, Eva A.	103	30 00
McKeigan, Christene	103	45 00	Campbell, Florence M.	101	29 41
MacKenzie, Mary C.	71	31 00	Campbell, Katie	103	30 00
McKinnon, Alice B.	101	44 12	Campbell, Margaret	101	29 41
McKinnon, Jessie M.	101	44 12	Carlin, M. Marget	101	29 41
McKinnon, Katie	101	44 12	Coady, Margaret A.	103	30 00
McKinnon, Sayde	101	44 12	Cohen, Bessie	98	28 53
MacLean, Christine V.	44	19 21	Costella, Concessa G.	102	29 70
Maclean, Rachael I.	102	44 56	Currie, Mamie	103	30 00
McLellan, Mary A.	102	44 56	Currie, Mary L.	103	30 00
McLeod, Cecilia I.	103	45 00	Farrell, Teresa	99	28 82
McLeod, Katherine M	102	44 56	Forbes, Florence	101	29 41
McLeod, Teresa	12	5 23	Foster, Hilda M.	102	29 70
McNeil, Annie C.	100	43 68	Fraser, Josephine	101	29 41
McNeil, Kathryn A.	100	43 68	Gillis, Isabell	102	29 70
MacNeill, Loretto	103	45 00	Gillis, Margaret E.	63	18 31
Macneil, Margaret	78	34 06	Gillis, Seraphina	41	11 94
Macneil, Margaret S.	38	16 59	Gough, Edna F.	101	29 44
Macneil, Mary C.	103	45 00	Hanrahan, Mary I.	103	30 00
McPherson, Ethel	97	42 37	Howie, Eva M.	5	1 45
Martel, Margaret S.	100	43 68	Howie, Georgie I.	98	28 53
McCore, Elizabeth	101	44 12	Keats, Mary R.	102	29 70
Morrison, Lottie M.	101	44 12	Kyte, Viola	102	29 70
Morrison, Margaret	101	44 12	Leach, Ellen S.	101 <sup>+</sup>	29 56
Morrison, Mary E.	103	45 00	Ley, Mary S.	102	29 70
Nicholson, Hattie I.	102	44 56	Ling, Ethel	102	29 70
Peach, Annie	103	45 00	McArthur, Margaret	103	30 00
Phelan, Bertha M.	102	44 56	MacAulay, Christie	102	29 70
Power, Margaret E.	14	6 10	Macaulay, Josephine	103	50 00
Read, Pearl B.	101	44 12	McCormick, Mary	101	29 41
Robinson, Hattie L.	101	44 12	MacCuish, Agnes C.	103	30 00
Simpson, Margaret J.	101	44 12	MacCuish Catherine G	100	29 12
Sister M. Ambrose	103	45 00	McDaniel, Mary J.	102	29 70
Sister M. Augustine	26	11 34	MacDonald, Annie B.	103	30 00
Sister M. Dionysia	103	45 00	MacDonald, Eva R.	103	30 00
Sister M. Eulalia	103	45 00	MacDonald, Frances M.	103	30 00
Sister M. Jeromina	103	45 00	MacDonald, Mary	81	23 59
Sister M. Lucina	103	45 00	Macdonald, Mary	102	29 70
Sister M. Oswald	103	45 00	MacDonald, Mary.....	103	30 00
Sister M. Philippa	103	45 00	Macdonald, Mary J.	101	29 41
Sister M. Stephen	103	45 00	Macdonald, Teresa B.	102	29 70
Sister M. Teresina	103	45 00	MacInnis, Margaret	103	30 00
Sister M. Thomas	103	45 00	MacInnis, Annie	103	30 00
Sister M. Veronica	103	45 00	McIntosh, Mary E.	99	28 82
Sister St. M. Agatha	101	44 12	MacKay, Jessie	103	30 00
Sister St. Alexander	101	44 12	McKenzie, William D.	59	17 17
Sister St. Augustin	101	44 12	McKinnon, Annie F.	102	29 70
Sister St. Henedine	101	44 12	McKinnon, Ethel R.	102	29 70
Sister St. John C.	101	44 12	McKinnon, Katie	103	30 00
Sister St. Marcella	102	44 56	McLean, Mary J.	102	29 70
Sister St. M. Stella	101	44 12	McLellan, Freda	95	27 66
Sister St. Pancratius	101	44 12	McLeod, Christine	103	30 00
Sister St. Reginald	96	41 93	McLeod, Margaret	102	29 70
Sister St. Roseline	101	44 12	MacMillan, Margaret K.	103	30 00
Slaven, Elizabeth M.	101	44 12	McMullin, Elizabeth	35	10 18
Smith, Catherine	103	45 00	McNaughton, Margaret	103	30 00
Spinks, Elora J.	99	43 24	McNeil, Katherine	102	29 70
Spencer, Mildred	90	39 31	McNeil, Katie J.	102	29 70
Traske, Elizabeth B.	98	42 80	McNeil, Mary	103	30 00
Walsh, Helen	103	45 00	MacRae, Mary Isabel	101	29 41
Anderson, Edith	102	29 70	Meagher, Stella	102	29 70
Anderson, Mary	101	29 41	Miller, Mary E.	100	29 12

Mullins, Katherine	97½	28 39	McDougall, Daniel J.	45 00
Mullins, Mildred	101	29 41	McDougall, Philip	45 00
Munroe, Theresa M.	102	29 70	McKenzie, Archibald J.	45 00
Murphy, Gertrude	103	30 00		
Nickerson, Margaret	98	28 53		
O'Handley, Joan	101	29 41		
O'Keefe, Sady	103	30 00		
Penny, Beatrice I.	102	29 70		
Phillips, Annie	103	30 00		
Power, Elizabeth M.	101	29 41		
Ratchford, James M.	32	9 31		
Reid, Ethel B.	103	30 00		
Roach, Mary	101	29 41		
Robson, Matilda E.	101	29 41		
Sampson, Clara M.	103	30 00		
Scott, Christine	103	30 00		
Scott, Katherine B.	103	30 00		
Sister F. Paula	103	30 00		
Sister St. Ann	101	29 41		
Sister St. Gregory	101	29 41		
Sister St. Mary	101	29 41		
Sister St. Thomas	101	29 41		
Smith, Mary A.	103	30 00		
Spencer, Greta M.	101	29 41		
Stewart, Mary K.	102	29 70		
Thorne, Bertha	25	7 28		
Verner, Annie A.	102	29 70		
Walker, Margaret J.	103	30 00		
Walsh, Mary E.	103	30 00		
Woodworth, Catherine	100	29 12		

**Poor Sections.**

Gallagher, Catherine	72	27 95
Gillis, Minnie	101	39 22
Johnson, Sadie	103	40 00
Kehoe, Clara A.	103	40 00
McDonald, Mary S.	103	40 00
McIsaac, Bessie	103	40 00
MacKenzie, Vivien G.	101	39 22
McLeod, Hannah J.	98	38 06
McMullin, Mary M.	101	39 22
McNeil, Mary C.	103	40 00
Matheson, Flora C.	74	28 73
Nicholson, Jessie A.	101	39 22
Stacey, Mayne	100	38 83

**Special Poor Sections.**

Woodbine	196	57 08
Ben Foin	190	55 33
Long Island	101	29 41

**Consolidation.**

The Meadows	102	29 70
Ocean View	103	30 00
East Bay	103	90 00
Eskasoni	103	30 76

**Annuitants.**

Gillis, Ronald	60 00
McDonald, Joseph	60 00
Currie, Michael D.	45 00
Garrett, Charles V.	45 00

**COLCHESTER SOUTH.**

Allen, E. Chesley	102	103 97
Richardson, L. A.	102	89 12
Spinney, Mary E.	102	89 12
Withrow, H. H.	102	89 12
Bishop, Margaret J.	102	74 27
Cameron, Guy E.	102	74 27
Marsters, Gladys M.	102	74 27
Mosher, Chesley G.	102	74 27
Barrett, Lily D.	103	60 00
Jennison, Mary	102	59 41
McLean, Margaret	102	59 41
Archibald, Mabel	103	60 00
Bishop, Josephine	102	59 41
Bonyman, M. Bernice	103	60 00
Blaikie, Florence	103	60 00
Burris, Jennie P.	103	60 00
Bambrick, Lena	102	59 41
Blackmore, Evelyn	103	60 00
Carver, Ida N.	101	58 83
Chivers, Gladys P.	102	59 41
Cruikshank, Mary	100	58 25
Cox, Amelia J.	100	58 25
Creelman, Laura M.	103	60 00
Dickson, Hattie D.	102	59 41
Fulton, Beatrice D.	102	59 41
Fisher, Helen L.	100	58 25
Freeman, Annie M.	103	60 00
Crowe, Adelaide G.	102	59 41
Hay, Fiona	102	59 41
Harris, Florence	102	59 41
Higgins, Annie F.	103	60 00
Hamblin, N. Elsie	103	60 00
Lake, Edna P.	103	60 00
Mingo, Irene	103	60 00
McCallum, Mabel	103	60 00
McCurdy, Annie E.	103	60 00
McDonald, Jean C.	102	59 41
McLennan, Florence	102	59 41
McLaughlin, Erma R.	100	58 25
McQuarrie, Sadie	35	20 38
McLeod, Dolena	103	60 00
McWilliams, Janie	102	59 41
Nelson, M. Ermina	102	59 41
Simpson, Elsie	102	59 41
Stropole, Janie	103	60 00
Stevens, Christena	102	59 41
Smith, Alice C.	102	59 41
Turner, Flora D.	102	59 41
Tupper, Frances C.	102	60 00
Urquhart, Gertrude	103	59 41
Waddell, Dorothy M.	102	60 00
Wright, Bertha A.	103	60 00
Withrow, Ethel B.	103	45 00
Brennan, Elizabeth	103	58 25
Crowe, Martha D.	122	45 00
Creighton, Williamia	103	45 00
Canning, Fannie	102	45 00
Fulton, Sarah Jane	103	45 00



Graham, Laura L.	103	45 00
Hamblin, Jessie L.	103	45 00
Irving, Alice E.	103	45 00
Langille, Ada	102	44 56
Lynch, Marion E.	103	45 00
Matheson, Nellie	103	45 00
Morrison, Clara	103	45 00
Morgan, Edith	102	44 56
Mosher, Una H.	102	44 56
McKinnon, Margaret	63	27 52
McFadden, Beryl	103	45 00
Rose, Mary H.	103	45 00
Shortt, Martha	102	44 56
Sharpe, Mary M.	102	44 56
Turner, Josephine	102	44 56
Upham, Flora J.	103	45 00
Waller, Mary E.	103	45 00
Treen, Lulu B.	99	43 24
Bulmer, Sarah M.	59	17 17
Boss, Leila M.	103	30 00
Creelman, Murielena A.	103	30 00
Crowe, Ida B.	103	30 00
Embree, Viola	103	30 00
Fraser, Ethel	103	30 00
McArtt, Margaret F.	103	30 00
McIntosh, Gladys	63	18 34
Rockwell, Ora	20	5 82
Robinson, Alice	103	30 00
Selig, Genevieve	102	29 70
Sutherland, Gladys J.	83	24 17
Whidden, Minnie E.	101	29 41

**Poor Sections.**

Fulton, Martha L.	102	39 61
Lynch, Mabel C.	103	40 00
Lockhart, Ethel	103	40 00
McCulloch, Eva D.	83	32 23
McKay, Marion Nellie	79½	30 87
McRea, Beatrice	103	40 00
Phillips, Grace	103	40 00

**COLCHESTER NORTH.**

Morrison, Mary	103	60 00
McKay, Janieta A.	103	60 00
Phillips, Bessie May	103	60 00
Weldon, Georgie	102	59 41
Zwicker, Flora	103	60 00
Black, Annie R.	102	44 56
Gray, Mary Ethel	103	45 00
Harris, Mattie T.	103	45 00
Langille, Emma B.	101	44 12
Langille, Cora E.	103	45 00
Morrow, Ethel	103	45 00
Miller, Agnes	103	45 00
McIntosh, Annie B.	103	45 00
McKay, Marion A.	103	45 00
McKay, Anna M.	101	44 12
McKay, Minnie	103	45 00
McNutt, Elsie	95	41 49
Nelson, Nancy	102	44 56
Smith, Lauretta M.	103	45 00
Cameron, Luella H.	103	30 00
Kennedy, Lavinia	102	29 70

Langille, Annie I.	103	30 00
McMillan, Mary M.	103	30 00
Ross, Varina	97	28 24

**Poor Sections.**

Aitchison, Gladys	98	38 06
Murray, Anna	103	40 00
Smith, Mary E.	101	39 22

**COLCHESTER WEST.**

Daniels, Augusta	105	76 45
Archibald, Bertha May	103	60 00
Campbell, Margaret P	103	60 00
Hutchinson, Gladys	103	60 00
Lindsay, Stella	42	24 46
Lockhart, Edna C.	103	60 00
Lockhart, Edna C. (Lib.)		10 00
Muller, Leva	103	60 00
McKay, Mineola	102	59 41
McLean, Sophia May	103	60 00
Olive, Violet F.	102	59 41
Parke, Nellie L.	103	60 00
Peacock, Mary J.	103	60 00
Peacock, Mary J. (Lib.)		5 00
Peppard, Ruth R.	103	60 00
Putnam, H. Claire	100½	58 54
Rafuse, Meta B.	103	60 00
Shortt, Margaret J.	103	60 00
Thompson, Alice	63	36 69
Vance, Flora	10	5 82
Bagnell, Robt. N.	103	45 00
Bagnell, Robt., N. (Lib.)		10 00
Carter, Irmantia	103	45 00
Cox, Leta	102	44 56
Dillman, Minerva	103	45 00
Dillman, Clara	103	45 00
Downing, Frances	10	4 36
Fulmore, Della	54	23 58
Maxwell, Lillian	74	32 31
Morash, Georgie	103	45 00
McKay, Jennie M.	103	45 00
O'Connell, Irene	103	45 00
Parsons, Annie M.	103	45 00
Broderick, Myra L.	83	24 17
Cail, Deborah	103	30 00
Clarke, Edith	42½	12 38
Cottam, Hazel	103	30 00
Corbett, Elsie G.	101	29 41
McCully, Florence	43	12 52
McLean, Ada Jean	12	3 49
Peppard Martha M.	97	28 24
Stevens, Minerva	102	29 70
Vance, Alberta	103	30 00
Wyllie, Jessie B.	103	30 00

**Poor Sections.**

Horton, Grace	102	39 61
Hublely, Minnie M.	102	39 61

**Consolidation.**

Great Village	206	60 00
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CUMBERLAND.					
Campbell, Jessie B.	102	89 12	Trelice, Ruth	102	59 41
Lay, E. J.	102	103 97	Webb, Hattie	102	59 41
MacLean, Viola B.	102	89 12	Aitchinson, Annie B.	98	42 80
Morehouse, F. G.	102	89 12	Allen, Lottie M.	103	45 00
Muise, J. B.	102	89 12	Atkinson, E. E.	103	45 00
MacInnis, Edith S.	102	74 27	Beaton, Margaret E.	101	44 12
MacLelan, Hazel	102	74 27	Bell, Jeanetta M.	103	45 00
MacMillan, Leona	101	73 54	Boss, Marjorie	102	44 56
Matheson, Laura	103	75 00	Boyd, Nellie	103	45 00
Mahoney, Gertrude	102	74 27	Brownell, Etta M.	101	44 12
Purdy, Amy	103	75 00	Cameron, Margaret M.	103	45 00
Blanche, Julia	102	59 41	Cameron, Margaret I.	102	44 56
Boss, Maud O.	102	59 41	Campbell, Lena B.	103	45 00
Brannan, Wallace E.	102	59 41	Chandler, Nellie B.	100	43 68
Brownell, Laura V.	103	60 00	Chapman, Edith C.	103	45 00
Campbell, Helen J.	100	58 25	Clay, Jean P.	102	44 56
Carter, Lillian	102	59 41	Charman, Jennie	102	44 56
Chandler, Isabel	102	59 41	Craig, Muriel E.	102	44 56
Chisholm, Florence A.	102	59 41	Davidson, Nina E.	102	44 56
Coates, Hazel D.	99	57 66	Davidson, Katharine	103	45 00
Conway, Jean	102	59 41	Davidson, Catharine A.	100	43 68
Craig, Jean E.	102	59 41	Devine, Susie	103	45 00
Craigie, A. W.	103	60 00	Dewar, Eva	99	43 24
Crocker, J. C.	103	60 00	DeWolfe, Hazel R.	102	44 56
Crocker, J. C. (Lib.)		10 00	DeWolfe, Vivian	103	45 00
Crowley, Madeline	103	60 00	Dill, Bessie	103	45 00
Davidson, Thelma	102	59 41	Fullerton, Sadie	103	44 56
Faulds, Lulu	102	59 41	Gallager, Adelaide	102	45 00
Fraser, Lulu	102	59 41	Harrington, Lottie V.	103	45 00
Freeman, Grace	101½	59 12	Harrington, Ada W.	103	45 00
Glennie, Edith	102	59 41	Hartling, Vila	103	45 00
Hall, B. R.	102	59 41	Hatherly, Freida	103	44 56
Hennigar, Bertie	102	59 41	Hawboldt, Gertrude	102	45 00
Highet, D. H.	102	59 41	Henderson, Aileen	103	45 00
Holmes, B. G.	102	59 41	Hennesey, Elva G.	103	45 00
Lavers, Winnifred G.	102	59 41	Hunter, Augusta	76	33 19
MacCrae, Audrey	102	59 41	Langille, Mabel	77	38 62
MacDonald, Jean B.	102	59 41	Lewis, Harriett B.	102	44 56
MacInnis, Julia	102	59 41	MacDonald, Mary	102	44 12
MacKenzie, Annie J.	102	59 41	MacInnis, Alice	101	44 56
MacLean, Pearl	102	59 41	MacIntosh, Laura	102	2 18
MacNutt, Lucy D.	102	59 41	" " (last term)	5	44 56
MacPherson, LeEtta	102	59 41	MacIvor, Ethel J.	102	45 00
Mitchell, Beryl B.	102	59 41	MacKay, Jean	103	44 56
Mott, Effie	101	58 83	MacKim, Rachel	102	44 56
Morse, Edna O.	102½	59 70	MacLellan, Vera	102	41 06
Moss, Winnie	102	59 41	Miller, Edith	94	44 12
Murchie, B. Alice	100	58 25	Moore, Maud	101	43 68
Murray, Annie	102	59 41	Nelson, Yvonne	100	44 12
Murray, Lexie	102	59 41	Newcombe, Laurie J.	101	45 00
Newman, Carolyn	102	59 41	O'Brien, Agnes	103	44 12
Noiles, Alfretta	102	59 41	Pugsley, Mary	101	44 56
O'Rourke, Mary P.	102	59 41	Ripley, Lela M.	102	45 00
Perry, Emma F.	103	60 00	Ripley, Ada E.	103	45 00
Reagh, Mildred L.	95	55 33	Roach, Lena L.	103	44 56
Schurman, Gladys M.	102	59 41	Roach, Bessie H.	102	10 47
Sinclair, Willena	102	59 41	Robinson, Caroline	24	44 56
Smith, Nettie M.	101	58 83	Rogers, Lena B.	102	45 00
Stonehouse, Vila	102	59 41	Secord, Muriel	103	44 34
Sutherlandgreen Elaine	101	58 83	Siteman, Annie B.	101½	44 56
Tabor, Gladys	102	59 41	Smith, Ada	102	45 00
Taggart, Evelyn	102	59 41	Smith, Mamie G.	103	44 56
Tait, Nellie	102	59 41	Sutherland, Lillian	102	44 56
Thompson, Nellie	102	59 41	Tabor, Clara	102	44 56
			Tabor, Grace	102	45 00
			Townshend, L. Hillary	103	



Hartling, Lottie	101	29 41	White, Geneva L.	103	45 00
Knowlton, Eva	102	29 70	Blackford, Lillie D.	103	30 00
MacLaughlin, Charlotte	63	18 34	DeForest, Ethel V.	102	29 70
O'Brien, Mary	49	14 26	Eldridge, Reta J.	55	16 01
Ross, Rhoda	102	29 70	Franklin, Francis E.	103	30 00
Seavey, Elizabeth	103	30 00	Haines, Viola V.	101	29 41
<b>Poor Sections.</b>			Hatfield, Janet	103	30 00
Chapman, Georgina	83	32 23	Lantz, Dorothy	103	30 00
Gavin, Margaret	103	40 00	Marshall, Tracy H.	87	25 33
Smith, Bertha	101	39 22	Miller, Bessie Beuna	103	30 00
Trerice, Rose	100	38 83	Morrell, Dorothy R.	103	30 00
<b>Consolidation.</b>			Parker, Ida M.	102	29 70
Wentworth	103	30 00	Prime, Lenetta	99	28 82
Advocate	103	30 00	Ritchie, Florence M.	103	30 00
<b>Annuitants.</b>			Robbins, Mildred F.	103	30 00
Charman, Mary E.		60 00	Shaw, Gertrude L.	99	28 82
Charman, Eliza G.		45 00	Simpson, Isabelle	103	30 00
MacLeod, Georgiana		45 00	Thebodeau, Catherine	103	30 00
O'Brien, R. B.		45 00	Thurber, Bessie G.	103	30 00
Phinney, Josephine W.		45 00	Vidito, Pearle Mae	103	30 00
<b>DIGBY.</b>			Welch, Fannie A.	103	30 00
Duncan, Aubrey C.	101	73 54	<b>Poor Sections.</b>		
Duncan, Aubrey C. (Lib.)		5 00	Adams, Alice E.	103	40 00
McWhinnie, Elizabeth	101	73 54	Ameriault, Regina D.	103	40 00
Belliveau, Marie A.	103	60 00	Balcolm, E. M.	91	35 34
Crowell, Gladys R.	103	60 00	Comeau, Mabelle S.	99	38 45
Finnigan, Elenora Mae	103	60 00	Crawford, Annie M.	103	40 00
Finnegan, Malcolm M.	98	57 07	Condon, Kathryn M.	103	40 00
Hirtle, Roy J. E.	101	58 83	Hicks, Eva S.	55	21 36
Holmes, Margaret E.	103	60 00	Hutchinson, Welthie R	102	39 61
Lent, Nellie Irene	103	60 00	Marshall, Edna I.	102	39 61
Lent, Nellie Irene (Lib.)		5 00	Neily, M. Bernice	100	38 83
Marsters, Katherine H	101	58 83	Upshaw, Rachel S.	103	40 00
McNeil, Bessie J.	101	58 83	Wright, Dennis B.	103	40 00
O'Brien, Annie B.	103	60 00	<b>Special Poor Section.</b>		
Prime, Daisy R.	102	59 41	Joggins		60 00
Ring, Myra C.	103	60 00	<b>Annuitants.</b>		
Robertson, Alice	101	58 83	Hogg, N. W.		60 00
Turnbull, Bessie B.	101	58 83	Goodwin, Mrs. E. M.		45 00
Tibert, Melda G.	103	60 00	Sulis, Mrs. L. Ada		45 00
Woodbury, Hazel M.	103	60 00	Smallie, Mary I.		30 00
Young, Ermina Vesta	103	60 00	<b>CLARE.</b>		
Beckwith, Winifred R.	103	45 00	Belliveau, Willie, Jr.	94	54 74
Bingay, Honoria G.	103	45 00	Belliveau, Zita	103	60 00
Campbell, Irma B.	100	43 68	LeBlanc, Marie E.	103	60 00
Fox, S. Martha	103	45 00	Sister Marie Cecile	103	60 00
Mapplebeck, Elizabeth	44	19 21	Sister M. Victoire	103	45 00
Marshall, Annie M.	85	37 12	Comeau, Annie Ester	103	44 56
MacEwen, Mary C.	103	45 00	Comeau, Artemise	102	45 00
McCarthy, Emma L.	101	44 12	Comeau, Annie Eliz.	103	43 24
Mosher, Margaret A.	103	45 00	D'Eon, Laura F.	99	45 00
Outhouse, Eunice E. S.	103	45 00	D'Entremont, Edna C.	103	45 00
Pugh, Maude L.	103	45 00	D'Entremont, Mary L.	103	45 00
Smithe, Daphne	103	45 00	Deveau, Marie E.	103	45 00
Spinney, Helen L.	102	44 56	Deveau, Theresa	103	44 56
Walsh, Grace B.	101	44 12	Doucet, M. Adele	102	

Lane, Stella Lee	98	42 80	Reid, Agnes I.	103	60 00
LeBlanc, Annie E.	103	45 00	Oxley, Gertrude O.	68	39 60
LeBlanc, Marie Eulalie	103	45 00	Barss, Annie D.	103	45 00
LeBlanc, Marie Aimee	103	45 00	Bradshaw, Isabel M.	103	45 00
LeBlanc, Mary Lucy	103	45 00	Blanchard, Annie J.	103	45 00
LeBlanc, Marie Rose	103	45 00	Boudreau Evangeline	103	45 00
Melanson, Rose A.	103	45 00	Chisholm, Catherine	103	45 00
Parry, Mary A.	99	43 24	Cox, Josephine	103	45 00
Robichaud, Marie	103	45 00	Ehler, Minnie E.	103	45 00
Robichaud, Marie-Lea	102½	44 78	Goodwin, Leda M.	103	45 00
Saulnier, Laura E.	103	45 00	Holloran, Bernetta M.	103	45 00
Sister, Mary Anthony	103	45 00	Levandier, Mary I.	103	45 00
Sister, Mary Modesta	103	45 00	Lipsett, Beryl S.	102	44 56
Thibodeau, Beatrice	103	45 00	Luddington, Phoebe M	103	45 00
Thimot, Marie Elee	103	45 00	O'Brien Evelyn M.	103	45 00
Amirault, Bernice	103	30 00	Rogers, Mary E.	103	45 00
Amirault, Celestine M.	103	30 00	Webb, Mary B.	103	45 00
Belleveau, Mary S.	103	30 00	Bruce, Zoe Ella	103	30 00
Cameron, Gertrude L.	102	29 70	Callahan, Augusta W.	103	30 00
Comeau, Margaret M.	103	30 00	Cameron, Muriel M.	102	29 70
Geddry, Mary F.	102	29 70	Cormier, Paul	103	30 00
LeBlanc, Symphorien	103	30 00	Crittenden, Edith A.	103	30 00
Melanson, Marie M.	103	30 00	Fraser, Hazel F.	102	29 70
Melanson, Leonie	103	30 00	Grady, Sadie B.	103	30 00
Mullen, Minnie Lewis	90	26 21	Hadley, Sarah I.	102	29 70
Purney, Marie I. G.	105	30 00	Hart, Augusta M.	78	22 71
Robichaud, Mary E.	103	30 00	Horton, Gladys M.	103	30 00
Robichaud, Eveline	102	29 70	Hudson, Winnifred	101	29 41
Sister M. Lucilla	103	30 00	Jenkins, Abbie V.	103	30 00
Surette, Rose H.	98	28 53	Kennedy, Lena K.	103	30 00
Therault, Symphorien	103	30 00	Kinny, Margaret	103	30 00
Thibeau, Cordelia	103	30 00	Laurie, Mary A.	103	30 00
Thimot, Marie Elise	103	30 00	Laurie, Lola V.	103	30 00
			Lawler, Hilda	103	30 00
			Lawler, Margaret	102	29 70
			Levandier, Helena	103	30 00
			Lipsett, Lydia E.	103	30 00
			Lukeman, Blanche E.	102	29 70
			Macdonald, Clara L.	77	22 42
			McFarlane, Christina	103	30 00
			McIssac, Margaret	103	30 00
			McKenzie, Mary T.	103	30 00
			McLean, Katherine A.	103	30 00
			Miller, Mary C.	103	30 00
			Munroe, Evelyn B.	103	30 00
			Myers, Marion S.	103	30 00
			Pearl, Annie N.	101	29 41
			Silver, Alvenia	102	29 70
			Strahan, Mary A.	103	30 00
			Strumm, Emma M.	103	30 00
			Tate, Catherine J.	103	30 00

Poor Sections.

D'Eon, Elite R.	103	40 00
Dodge, Hazel H.	73	28 34
Hathfield, Laurena	103	40 00
MacAlphine, Edith E.	97	37 67

Annuitants.

Sister M. Ursula	45 00
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GUYSBORO.

Hemmeon, M. DeW.	103	105 00
McLeod, Anna	35	25 48
McLeod, Blanche B.	103	75 00
Spicer, Anna L.	103	75 00
Baker, Mary B.	103	60 00
Bradshaw, Janet M.	103	60 00
Chisholm, Christena	26	15 14
Heal, Olivia N. DeW.	103	60 00
Hurst, Blanche	40	23 30
Kedy, Elva M.	103	60 00
King, Alice	103	60 00
Lumsden, Mrs. M. E.	54	31 44
Maguire, Eva L.	103	60 00
McGillivray, Amelia J.	103	60 00
McKenzie, Settie V.	68	36 69

Poor Sections.

Kelly, Mary	103	40 00
LeBlanc, Joseph L.	103	40 00
Lumsden, Gertrude S.	49	19 08
Macdonald, Sarah M.	103	40 00
O'Connor, Gladys	94	36 50
O'Connor, Margaret E.	97	37 67
Porter, Laura	90	34 95
Strahan, Lillian T.	103	40 00
Sangster, Emma F.	103	40 00
Worth, Marjorie G.	103	40 00

Special Poor Sections.					
Lakedale,	103	30 00	Morton, S. A.	103	90 00
Lundi,	103	30 00	Murray, Mme E. M.	103	90 00
			Rosaire, Sr. M.	103	75 00
			Trefry, J. H.	103	90 00
			Armitage, Helen	78	56 80
			Bigney, Ella M.	102	74 27
			Blackie, Edith M.	60	43 69
			Campbell, Jean P.	103	75 00
			Cecelia, Sr. F.	103	75 00
			Clark, Lillian G.	103	75 00
			Colquhoun, Lillian W.	103	75 00
			Concepta, Sr. Marion	103	75 00
			deChantal, Sr. F.	103	75 00
			Dexter, Hilda E.	103	60 00
			Distant, Mary L.	98½	75 00
			Douglas, H. G.	103	75 00
			Ethelred, Sr. M.	103	75 00
			Finn, Mme A. E.	103	75 00
			Francis, Sr. M.	103	75 00
			Gillen, Mme. K. F.	103	75 00
			Haversteck, Alice M.	103	75 00
			Holder, Ella G.	103	75 00
			Jamieson, Harriet	103	75 00
			Malcolm, Florence P.	103	75 00
			Marshall, Lillian E.	103	75 00
			Martin, J. P.	103	75 00
			Macdonald, Helen M.	103	75 00
			McManus, Marie	103	75 00
			Nicoll, Margaret	103	75 00
			Phelan, F. J.	103	60 00
			Reeves R. L.	103	60 00
			Shiers, Mildred B.	103	75 00
			Sibley, Gladys M.	103	75 00
			Teresa, Sr. Julia	103	60 00
			Tolson, Elizabeth A.	103	75 00
			Vickery, H. B.	103	75 00
			Vincent, Sr. A.	103	75 00
			Vincent, Sr. M.	103	75 00
			Vincent, Sr. T.	103	75 00
			Wilson, Bernice C.	103	60 00
			Agnes, Sr. M.	103	60 00
			Agnes, Sr. T.	103	60 00
			Allen, M. Edith	103	60 00
			Aquiras, Sr. M.	103	60 00
			Armitage, Mary F.	98½	60 00
			Baldock, Olive M.	103	60 00
			Beatrix, Sr. M.	103	60 00
			Bernard, Sr. M.	103	25 04
			Blackman, Winnifred	43	60 00
			Bowden, Ida M.	103	60 00
			Bowden, Laura J.	103	60 00
			Brisn, Mary C.	105	60 00
			Brady, Esther	103	55 05
			Brodie, Isabel	94½	60 00
			Burgoyne, A. Viola	103	60 00
			Carnel, Sr. Agnes	103	60 00
			Cecilia, Sr. M.	103	60 00
			Clark, Esther	103	60 00
			Collings, Gladys P.	103	60 00
			Concepta, Sr. M.	103	60 00
			Conrad, Ethel M.	98½	60 00
			Cunningham, Anna M.	103	60 00
			Dempsey, Isabel B.	103	60 00
			Dempster, May W.	103	60 00
			Denton, Helen A.	103	60 00
			Dolorita, Sr. M.	103	60 00

Special Poor Sections.

Lakedale,	103	30 00
Lundi,	103	30 00

Consolidation.

Roman Valley.	103	30 00
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Annuitant.

Hannifen, Maggie		30 00
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ST. MARYS.

McGregor, Edith J.	103	75 00
Cameron, Louise	103	60 00
Hamilton, Ada J.	36	20 96
Fisher, Clara I.	101	44 12
Kirk, Gertrude B.	103	45 00
Macdonald, Lena McB.	61	26 64
Maddonald, A. T.	101	44 12
McKiel, Martha J.	103	45 00
Cameron, Flora E. M.	103	30 00
Cameron, Flora	99	28 82
Cornealy, Margaret M.	103	30 00
Fisher, Leo G.	103	30 00
Ferguson, Florence	103	30 00
Giffin, Susie L.	103	30 00
McMillan, Lydia A.	102	29 70
Smith, Lelia L.	103	30 00
Simpson, Winnifred	103	30 00
Sutherland, Isabella G.	69	20 09
Spares, Muriel M.	101	29 41

Poor Sections.

Brown, Annie M.	103	40 00
McFarlane, Margaret	103	40 00
McLellan, Addean	47	18 25
Morris, Ida L.	103	40 00
Nichols, Mabel C.	103	40 00
Pace, Delilah M.	103	40 00
Rood, Gertrude	68	26 40

Special Poor Sections.

New Chester	103	30 00
Chegggin	105	30 00

HALIFAX CITY.

Butler, G. K.	103	105 00
Blackwood, E. F.	103	90 00
Blois, H. H.	103	90 00
Brunt, H. D.	103	90 00
Cummines, E.	98½	90 00
Hibbert, T. M.	105	90 00
Hugeins, G. M.	103	90 00
Marshall, G. R.	103	90 00
Matheson, D. J.	103	90 00
Matheson, D. M.	103	90 00

Dwyer, Mary T.	103	60 00	Cameron, Minnie T.	103	45 00
Edwina, Sr. M.	103	60 00	Catherine, Sr. M.	103	45 00
Ernestine, Sr. M.	103	60 00	Christina, Sr. M.	103	45 00
Ethelbert, Sr. M.	103	60 00	Codie, Mme. T.	103	45 00
Florence, Sr. M.	103	60 00	Cunningham, Edith S.	103	45 00
Flowers, Edith M.	103	60 00	dePazzi, Sr. M.	103	45 00
Flowers, Harriet L.	103	60 00	Devine, Mary E.	103	45 00
Fry, Beatrice	103	60 00	Dorothy, Sr. M.	103	45 00
Geddes, A. K.	103	60 00	Ethelburga, Sr. M.	103	45 00
Gerald, Sr. Agnes	103	60 00	Evangelista, Sr. M.	103	45 00
Greig, Lily C.	103	60 00	Felix, Sr. M.	103	45 00
Harlow, Agnes O.	103	60 00	Gormley, Grace	103	45 00
Hines, R. May	103	60 00	Grierson, Frances	103	45 00
Ignatia, Sr. M.	103	60 00	Grierson, Mary H.	103	45 00
Kelly, Mmc. E.	103	60 00	Gualbert, Sr. M.	103	45 00
Kenney, Mary B. D.	103	60 00	Hamilton, Harriet	103	45 00
King, Ada A.	103	60 00	Hartling, Nettie J.	103	45 00
Laracy, Annie F.	103	60 00	Healy, Katherine	103	45 00
Leontine, Sr. M.	103	60 00	Herman, Edith	103	45 00
Lockward, Grace E.	103	60 00	Hoben, Alma G.	60	26 21
Maxwell, Jessie M.	103	60 00	Houston, Sarah E.	103	45 00
Mooney, Ethel M.	103	60 00	Hurley, Kathleen	61	26 64
McCurdy, Elizabeth R.	52	30 28	James, Clara A.	103	45 00
McCurdy, Mary J.	103	60 00	Johnston, Isabel	103	45 00
Macdonald, Annie A.	103	60 00	Kennedy, Mary C.	103	45 00
McKay, Roberta J.	103	60 00	Lawrence, J. Lenore	103	45 00
O'Brien, Mary A.	103	60 00	Leo, Sr. M.	103	45 00
Pace, Juene I.	103	60 00	Logan, Annie	103	45 00
Palmer, Gladys M.	103	60 00	Lyall, Beatrice H.	103	45 00
Peart, Ada H.	103	60 00	Martin, Isabel M.	103	45 00
Phelan, Margaret T.	103	60 00	Maskell, Eva A.	103	45 00
Pius, Sr. M.	103	60 00	Michael, Sr. M.	103	45 00
Publicover, Lila L.	103	60 00	Mitchell, Lillie F. J.	103	45 00
Rankine, Annie B.	103	60 00	McGillivray, Flora G.	103	45 00
Raphael, Sr. M.	103	60 00	McLean, Annie	103	45 00
Reinhardt, Ethel	103	60 00	MacNamara, Sadie	103	45 00
Ross, F. J.	103	60 00	Nichols, Eliphad	43	18 77
Saunders, Amy C.	103	60 00	O'Donoghue, Margaret	103	45 00
Shields, Ella G.	103	60 00	Perpetua, Sr. M.	103	45 00
Sims, Susie A.	63	36 69	Power, Nora N.	105	45 00
Smith, Sophie B.	103	60 00	Reinhardt, Margaret	103	45 00
Sullivan, Mme. E.	103	60 00	Remigius, Bro.	103	45 00
Theakston, S. Frances	103	60 00	Rita, Sr. M.	103	45 00
Thompson, Frances	103	60 00	Rockett, Margaret	103	45 00
Thompson, Margaret	103	60 00	Ross, Carrie E.	103	45 00
Toomey, Fannie	44	25 62	Ross, Christena M.	103	45 00
Tre'ry, Edith C.	103	60 00	St. Gaetan, Sr. M.	103	45 00
Tullnoch, Mary E.	103	60 00	Smith, Anna K.	103	45 00
Tyman, Joanna C.	103	60 00	Sullivan, Margaret	103	45 00
Vincent, Sr. Rose	103	60 00	Sullivan, Margaret T.	103	45 00
Wakeley, Agnes C.	103	60 00	Sullivan, M. Theresa	103	45 00
Wallace, Eva M.	103	60 00	Theakston, S. Emma	103	45 00
Wambolt, Gertrude	60	34 95	Travis, Ada A.	98½	45 00
Warner, Edna B.	103	60 00	Vaughan, Kathleen H.	103	45 00
Wickwire, Annie L.	103	60 00	Vaughan, Etchel M.	103	45 00
Wiswell, Ida M.	103	60 00	Warner, Mabel	103	45 00
Woolrich, Mary E.	103	60 00	Wells, Clara	103	45 00
Wynne, Mmc. A. M.	103	60 00	Wells, Margaret	103	45 00
Xavier, Sr. Francis	103	60 00	Celeste, Sr. M.	25	7 28
Zive, Alta M.	103	60 00	Foley, Irene	103	30 00
Ackhurst, Minna L.	103	45 00	Hopkins, Annie	25	7 28
Aunina, Sr. M.	17	7 41	Jennott, M. F.	103	30 00
Baptist, Sr. J.	103	45 00	McQuarrie, Catherine	103	30 00
Bayer, Annie L.	103	45 00	Patrick, Bro.	103	30 00
Blakeney, Edna M.	103	45 00	Sweeney, Margaret	103	30 00

**Annuitants.**

McKay, A.	161	09
MacKintosh, Kate S., 1st hf. yr	180	00
MacKintosh, Kate 2nd hf. yr	180	00
O'Hearn, P., 1st half year	250	00
O'Hearn, P., 2nd half year	250	00
Creighton, I. M.	60	00
Delahanty, Kate	60	00
Gaul, Richard	60	00
Hall, H. McG.	60	00
Hamilton, M. A.	60	00
Peters, F. A.	60	00
Shields, Sarah	60	00
Broadhurst, M. E.	45	00
Coleman, H. E.	45	00
Curren, E. M.	45	00
Johns, M. A.	45	00
Lyle, Emily R.	45	00
McArthur, Janet R.	45	00
McGregor, Annie	45	00
Putnam, A. F.	45	00
Torrey, C. E.	45	00
Wier, Lewis	45	00
Willis, Eliza J.	45	00

**Assistant.**

McKinnon, John J.	44	17 09
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**HALIFAX COUNTY.**

Stapleton, W. C.	102	103 97
McPhail, Annie	102	74 27
Morrison, Kate	102	74 27
Balcom, Hilda	103	60 00
Ballong, Lillah I.	103	60 00
Boutilier, Muriel	102	59 41
Burgess, Florence A.	100	58 25
Burriss, Annie	103	60 00
Cameron, Sadie E.	102	59 41
Christie, Margaret A.	102	59 41
Corkum, Florence J.	102	59 41
Devan, Nano	102	59 41
Foley, Arley M.	103	60 00
Haley, Edythe May	102	59 41
Harrison, Ethel Ward	102	59 41
Hawkins, Viola S.	51	29 70
Henry, Ella K.	102	59 41
Higgins, Emma A.	103	60 00
Hiltz, Adelaide S.	102	59 41
Hiltz, Ethel M.	102	59 41
Houghton, Mary C.	103	60 00
Jolimore, Agnes	103	60 00
Keeler, Celia	102	59 41
Kempton, Muriel V.	101	58 83
Manson, Agnes K.	102	59 41
MacLaughlin, Bertha	99	57 66
Moseley, Mabel C.	102	59 41
Noonan, Gertrude	102	59 41
Rafuse, Vera Grace	103	60 00
Schurman, Mildred C.	103	60 00
Smith, Marion	102	59 41
Stoddard, Grace E.	102½	59 70

Scott, Catherine M.	101	58 83
Strachan, Katherine	72	41 93
Settle, Gertrude	52	30 28
Webber, Myrtle E.	103	60 00
Wolfe, Jessie A.	102	59 41
Auld, Margaret E.	98	42 80
Baker, Ella P.	103	45 00
Boutilier, Adelaide C.	102	44 56
Brown, Jessie M.	98	42 80
Christie, Ruth	103	45 00
Cook, Myrtle L.	103	45 00
DeMing, Isa C.	103	45 00
DeVan, Eileen M.	102	44 56
Erskine, Alexandra	103	45 00
Faulkner, Melissa	103	45 00
Findlay, Sadie	102	44 56
Fisher, Marion	103	45 00
Graham, Muriel	103	45 00
Harpell, Cora M.	103	45 00
Hallisey, Julia	18	7 84
Havill, Maizie B.	102	44 56
Healy, Gertrude M.	101½	44 34
Hilchie, Stella B.	103	45 00
Horton, G. Jean	92	40 18
Hume, Bessie W.	102	44 56
Innis, E. Jean	103	45 00
Jewers, Beatrice	102	44 56
Johnson, May	102	44 56
Johnson, Hattie R.	103	45 00
Kent, C. Winnifred	102	44 56
Laidlaw, Elizabeth	102	44 56
Leslie, Gladys	94	41 06
Leslie, George I.	103	45 00
Leslie, George L. (Lib.)		5 00
Martin, Kathryn	103	45 00
Moseley, Ruth Elsie	102	44 56
Myers, Elvie I.	103	45 00
MacCarthy, Katherine	103	45 00
MacCarthy, Tena J.	103	45 00
MacKintosh, Mona E.	103	45 00
MacInnes, Edith L.	103	45 00
McKay, Ethel C.	103	45 00
MacKay, Isabel C.	102	44 56
MacKay, Jeanette	103	45 00
MacKenzie, Margaret	102	44 56
McLeod, Beatrice	102	44 56
McNeil, Annie May	103	45 00
McPhee, Elsie G.	103	45 00
Murray, Bertha F. J.	102	44 56
Nauffs, Minnie K.	94	41 06
Pothier, Laura J.	103	45 00
Purdy, Janie M.	103	45 00
Pye, Annie M.	103	45 00
Roche, Mary	103	45 00
Roche, Agnes D.	103	45 00
Rutherford, Elva C.	103	45 00
Siteman, Eva K.	89	38 87
Smith, Isabella	100	43 68
Spares, Sadie J.	103	45 00
Sutherland, Bessie C.	102	44 56
Thomas, Bessie	102	44 56
Thompson, Myrtle	103	45 00
Webber, Joyce	103	45 00
Yeadon, Annie L.	33	14 41
Boyle, Lucy E.	101	29 41
Baker, Eva J.	103	30 60



Bulmer, Marjorie	103	30 00	O'Leary, Mary C.	103	40 00
Burris, Fannie	103	30 00	Pace, Ernest C.	103	40 00
Brown, Jennie E.	100	29 12	Parris, Spurgeon	82	31 84
Cochrane, Mabel G.	103	30 00	Power, Eva B.	103	40 00
Conrad, Flora D.	103	30 00	Skerry, Emma	103	40 00
Conrad, Beatrice	67	19 50	Stoddard, Larder F.	102	39 61
Cooke, Nettie M.	103	30 00	Walsh, Ada M.	19	7 38
Dickie, Ada B.	103	30 00	Whallen, Jean May	107	41 55
Dickie, Edith G.	103	30 00			
Ellis, Gertrude J.	103	30 00			
Fahie, Lydie	101	29 41			
Fancy, Annie	103	30 00			
Fraser, Gwendolyn	43	12 52			
Garrison, Goldie	103	30 00			
Havill, Ruth B.	100	29 12			
Hiltz, Beatrice G.	103	30 00			
Hublely, Irene G.	103	30 00			
Hawkins, Ora W.	99	28 82			
Hilencie, Nellie M.	102	29 70			
Hiltz, Reta E.	93	27 08			
James, Cora V.	103	30 00			
James, Essie V.	101	29 41			
Johnson, Ethel May	79	23 00			
Keating, Muriel H.	95	27 66			
Killen, Marguerite E.	103	30 00			
Lay, Marguerite	100	29 12			
LeMoine, Adelle	101	29 41			
LeMoine, Annie L.	100	29 12			
Leslie, Alice L.	103	30 00			
Logan, Clare J.	98	28 53			
Lowe, Katherine M.	103	30 00			
Moren, Laura B.	101	29 41			
Mosher, Bertha M.	102	29 70			
Millett, Kathleen S.	101	29 41			
Murphy, Winnifred F.	88	25 62			
Myra, Blanche M.	101	29 41			
McGrath, Annie M.	97½	28 39			
MacLean, Katherine	103	30 00			
Nickerson, Reta H. C.	93	27 08			
Otto, Lottie, Etta	69	20 09			
Russell, Plessa M.	101	29 41			
Townsend, Dorothy	103	30 00			
Tulloch, Jean C.	102	29 70			
Saulnier, Pauline M.	103	30 00			
Shellnutt, Annie M.	103	30 00			
Shiers, Siserena M.	103	30 00			
Smith, Elmira E.	84	24 46			
Smith, Laura E.	102	29 70			
Stoddard, Rebecca J.	103	30 00			
Walker, Olive M.	97	28 24			
Warner, Mary	92	26 79			
Walters, Margaret	103	30 00			
White, Elith May	103	30 00			
Wilks, Helen	94	27 37			
Withrow, Flossie L.	102	29 70			
Newcombe, Alice N.	103	30 00			
<b>Annuitants.</b>					
			Miller, Geo. J.	159	44
			Herdman, W. C.	60	00
			Mary, Ann, Sr.	60	00
			Cooke, Mary L.	45	00
			Hume, Mary E.	45	00
			Bacon, Amelia	30	00
			Gibbons, John	30	00
			Wier, Amelia	45	00
<b>HANTS WEST.</b>					
			Smith, John A.	101	102 95
			Scott, Agnes B.	102	74 27
			Shand, Gwendolyn	98	71 36
			Silver, Basil C.	103	75 00
			Thomas, Blanche E.	103	60 00
			Best, Flora	69	40 18
			Burgess, Nellie H.	103	60 00
			Carde, Edna R.	102	59 41
			Duff, Jessie J.	103	60 00
			Elliott, Evangeline	103	60 00
			Foote, Marguerite	103	60 00
			Graham, Creta	103	60 00
			Graham, Creta (Lib.)		5 00
			Graham, Mary	103	60 00
			Lantz, Helena M.	102	59 41
			Lawrence, Lily M.	103	60 00
			Lutz, Carrie M.	103	60 00
			Lutz, Carrie M. (Lib.)		10 00
			Mosher, Leona	102	59 41
			McCurdy, Helen M.	102	59 41
			McDonald, Joanna	102	59 41
			McLellan, Mary	102	59 41
			Nunn, Mary E.	103	60 00
			Nunn, Mary E. (Lib.)		5 00
			Sanford, Laura M.	99	57 66
			Vance, Emma M.	103	60 00
			White, Jennie M.	102	59 41
			Wickwire, Margaret A.	103	60 00
			Young, Reta M.	103	60 00
			Bond, Marion I.	102	44 56
			Bond, Lena J.	29	12 66
			Caldwell, Melda A.	34	14 84
			Casey, Gertrude M.	103	45 00
			Cochrane, Pearl A.	102	44 56
			Dimock, Annie A	102	44 56
			Fraser, Daisy R.	103	45 00
			Fulton, Mildred	102	44 56
			Kelley, Minnie A.	102	44 56
			Lynch, Jessie A.	99	43 24
			Lynch, Pearl M.	103	45 00
			Morison, Madge	102	44 56
			McCully, Velma V.	102	44 56
<b>Poor Sections.</b>					
Ashe, Elizabeth	98	38 06			
Ashe, Mabel L.	108	41 94			
Beck, Estella M.	83	32 23			
Faulkner, Nina	76	29 51			
Irwin, Alice C.	103	40 00			
McIvor, Edith P.	103	40 00			
McPhail, Margaret G.	103	40 00			

MacQuarrie, Gladys	102	44 56	McKenzie, Gertrude	103	45 00
Rose, Anetta M.	103	45 00	McKenzie, Elsie P.	102	44 56
Ross, Bessie B.	103	45 00	McLellan, Evelyn	72	31 44
Sanford, Ida M.	102	44 56	Parker, M. Alice	101	44 12
Salter, Hattie M.	91	39 75	Pearn, Catherine J.	103	45 00
Smith, Florence E.	101	44 12	Sinclair, Margaret	103	45 00
Smith, Melicent	102	44 56	Smith, Lizzie A.	103	45 00
Suttis, Clara M.	102	44 56	Thompson, Hilda	103	45 00
Sweet, Annie E.	102	44 56	Withrow, Mary L.	103	45 00
Underwood, Emma M.	103	45 00	Withrow, Adelia	103	45 00
Wilson, Bertha	102	44 56	Custance, Marjory E.	103	30 00
Davison, Nellie E.	103	30 00	Carr, Emma M.	98	28 53
Greenough, Jennie G.	97	28 24	Canning, Gladys	103	30 00
Lantz, Grace G.	102	29 70	Casey, Gladys B.	102	2 70
Laws, Lillian F.	102	29 70	Davidson, Rebecca A.	102	29 70
Murphy, Lela J.	103	30 00	Fiske, Georgina	103	30 00
MacInnis, Eva M.	103	30 00	Graham, Alice	103	30 00
Sanford, Gracie	103	30 00	Goff, Flora	102	29 70
Sibley, Mary B.	103	30 00	Hennigar, Annie K.	103	30 00
Withrow, Ethel A.	103	30 00	Horne, Mary E.	103	30 00
			LeCain, Myrtle M.	103	30 00
			McDougall, Bertha E.	91	26 50
			McEwen, Edith May	103	30 00
			Spares Ruby C.	103	30 00
			Sheridan, Alma	26	7 56
			Smith, Ellen E.	103	30 00
			Whitman, Annie	103	30 00
			White, Lucy A.	102	29 70

**Poor Sections.**

Bowes, Innetia M.	96	37 28
Conrad, Carrie E.	103	40 00
Densmore, Jessie E.	82	31 84
Harris, Evelyn H.	57½	22 32
Hume, Jessie	102	39 61
Lingard, Lillian M.	103	40 00
Sanford, Janet L.	103	40 00
Upshaw, Maggie M.	101	39 22

**Annuitants.**

Burgoyne, Naomi	60 00
Scott, Lily A.	60 00
Smith, Letson, M.	60 00
Bennett, Hannah	45 00
Scott, Annie E.	45 00

**HANTS EAST.**

Baltzer, Adelaide	52	37 87
Dawson, Catherine	12	8 74
Fulton, Olive J.	103	75 00
McDonald, Ada	103	60 00
McDonald, Daisy H.	103	60 00
McDougall, Eva E.	102	59 41
McLellan, Catherine	74	43 09
McLellan, Reta	103	60 00
McPhee, Rose R.	103	60 00
Troop, Alice M.	102	59 41
Trenholm, Edith	31	18 05
Trevoy, Nellie	103	60 00
Bowes, Viola Alice	103	45 00
Baxter, Jean L.	103	45 00
Densmore, Olive	103	45 00
Dechman, Marion	102	44 56
Drysdale, Esther	102	44 56
Hennigar, Edith L.	103	45 00
Harvey, Meta A.	103	45 00
Laffan, Lillian	103	45 00
Moore, Gertrude	103	45 00
McDonald, Donnie	103	45 00

Mason, Sadie J.	103	40 00
Turple, Janie O'Brien	103	40 00
Scott, Frances	103	40 00
Anthony, Ruby D.	99	57 66
Holland, Florence	102	59 41
Wright, Nellie C.	102	59 41
Weldon, Edith	103	60 00
LeClair, Laura	103	45 00
McCulloch, Lucy	103	30 00
Northup, Wilhelmina	101	29 41
MacDougall, Elsie E.	103	30 00
Anthony, Edna B.	102½	39 80
Blois, Muriel L.	103	39 80
Hill, Maggie J.	103	40 00
		40 00

**Consolidation.**

Shubenacadie	20 00
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**INVERNESS NORTH.**

Boudreau, A. C.	103	60 00
Doucet, Cecilia	103	60 00
LeBlanc, John J.	103	60 00
MacDaniel, Margaret	103	60 00
MacLellan, Lewis	10	5 82
Morse, E. P.	103	60 00
Sr. St. Andrew	103	60 00
Arseneau, Bessie	103	45 00
AuCoin, James H.	103	45 00
AuCoin, Mary Ann	103	45 00
Austin, Annie R.	103	45 00
Boudreau, P. C.	103	45 00

Cameron, Florence	103	45 00
Chaisson, Ephraim	103	45 00
Chaisson, Lizzie	103	45 00
Coady, Mary E.	103	45 00
Ingraham, Mary C.	103	45 00
Johnston, A. A.	103	45 00
LeBlanc, Annie R.	102	44 56
MacDaniel, Alice B.	103	45 00
MacDonald, Laura	103	45 00
MacDonald, Mary C.	103	45 00
MacDonald, Jessie M.	103	45 00
McDonnell, Catherine	103	45 00
MacDougall, Cassie	103	45 00
MacFarlane, Rose A.	103	45 00
MacKinnon, Mary C.	103	45 00
MacKinnon, Margaret	103	45 00
MacLeod, Lauchlin	103	45 00
MacLellan, Annie	103	45 00
MacLennan, Cassie	103	45 00
MacLennan, Christene	103	45 00
Matheson, Helen A.	102	44 56
Rankin, Mary Jessie	103	45 00
Roache, Arsene H.	103	45 00
Sr. Marie de Cinacle	103	45 00
Sr. St. Mary	103	45 00
Smith, Helen	103	45 00
Arseneau, Matilda	103	30 00
Beaton, Mary C.	102	29 70
Burns, Arsene	102	29 70
Cahill, Catherine	103	30 00
Campbell, J. Hazel	103	30 00
Collins, Catherine B.	103	30 00
Delaney, Juliet T.	103	30 00
Kennedy, Mary M. A.	103	30 00
LeBlanc, Lucy Agnes	103	30 00
LeBlanc, Mary C.	102	29 70
MacDonald, Jennie C.	98	28 53
MacDonald, John H.	6	1 74
MacDougall, Jessie B.	103	30 00
MacEachern, Marjorie	103	30 00
MacInnes, Jessie Y.	100½	29 27
MacKay, Minnie M.	102	29 70
MacKenzie, Hanna M.	91½	26 65
MacLean, Annie J.	103	30 00
MacLellan, Anna J.	103	30 00
MacLellan, Christene	103	30 00
MacLellan, Margaret	103	30 00
MacLeod, Lauchline	103	30 00
MacMaster, Margaret	103	30 00
Nicholson, Catherine	103	30 00
Nicholson, Christena H.	98	28 53
Robertson, Mamie	100	29 12
Sr. Margaret Mary	103	30 00
Sr. St. Alexander	103	30 00
Smith, Catherine	103	30 00
Timmons, Maud M.	32	9 31
Walker, Cassie	103	30 00

**Poor Sections.**

Collins, James A.	103	37 59
LeBlanc, Mary D.	103	37 59
MacDougall, Margaret	103	37 59
McIsaac, Mary Ann	103	37 59
McLellan, Dan J.	101	36 85
MacMillan, Eliza B.	103	37 59

MacQuarrie, Mary C.	85	31 01
Nelson, Gustava A.	103	37 59

**Special Poor Sections.**

Whycocomagh Mountain	40	00
Kiltarlity	40	00

**Consolidation.**

Eastern Harbor	146	42 52
Aberdeen	206	60 00

**Annuitants.**

MacDonald, Teresa	45	00
MacDougall, A. S.	45	00
McKinnon, Malcolm	22	50
McLellan, A. N., 1st hf. yr	45	00
McLellan, A. N., 2nd ht. yr	45	00

**INVERNESS SOUTH.**

Doucet, Pauline	103	105 00
Bayne, Lily Isabel	102	74 27
Martin, Marion	103	75 00
Smythe, Philomena	103	75 00
Whitman, Jean E.	103	75 00
Custance, Sara B.	103	60 00
Gillis, Malcolm H.	103	60 00
McArthur, Mary Agnes	193	60 00
Sister St. Zephyrin	103	60 00
Burke, Eva Mae	103	45 00
Campbell, Alexandrina	103	45 00
Campbell, Lucy Jane	103	45 00
Davis, Catherine M.	103	45 00
Macdonald, Christina	103	45 00
Macdonald, Mary Jane	101	44 12
Macdonald, Maisie	103	45 00
McDonnell, Annie M.	103	45 00
Maciver, Christina A.	98	42 80
MacLean, Edgar H.	103	45 00
MacLeod, Mary M.	103	45 00
MacPhail, Ellen Sophia	102	44 56
Sister, St. Casilda	103	45 00
Sister St. Mary	103	45 00
Sister St. Olga	103	45 00
Williams, Edith J.	103	45 00
Withrow, Elsie May	103	45 00
Withrow, Lizzie	103	29 70
Beaton, Mary Margaret	102	27 66
Cameron, Emily G.	95	30 00
Campbell, Katharine	103	29 70
Crispo, Sadie Ellen	102	28 53
Gillis, Josephine	98	30 00
Graham, Annie Bell	103	30 00
McArthur, Bridget	103	30 00
MacAskill, Christina	103	30 00
MacDonald, Christina	103	30 00
MacFayden Sara M.	101	29 41
MacInnis, Mamie C.	103	30 00
McKinnon, Katharine	103	30 00
McLellan, Jessie Flora	103	30 00
McLean, Frances	103	30 00
Murphy, Frances	103	30 00

Sister St. Thomas	103	30 00	Patterson, Mabel	38	33 17
Smith, Annie	100	29 12	Swanson, Peter I.	40	40 77
Cameron, Margaret S.	96	27 95	Webster, Winnifred	103	99 16
Carmichael, Sadie Ellen	103	30 00	Baxter, Susie T.	103	75 00
Dowling, Annie M.	102	29 70	Farrell, Maureen	10	7 23
Gillis, Willie	50	14 56	MacDonald, Annie J.	103	75 00
Graham, Katie Mar.	96	27 95	MacGregor, Anna	103	75 00
Jameson, Janet	103	30 00	Thorpe, Violet G.	25	18 25
Kennedy, Alexander	103	30 00	Titus, Elva B.	101	73 54
Macdonald, Margaret	103	30 00	Welton, Jennie	89	51 83
MacDonald, Katie Ann	103	30 00	Walker, Mabel	103	75 00
MacDonald, Mary	102	29 70	Baltzer, Mary H.	103	60 00
MacDougall, Mamie R.	103	30 00	Banks, Minnie L.	100	58 25
McEachern, Mary C.	102	29 70	Bowlby, Jessie I.	101	58 83
McEachren, Anna M.	102	29 70	Brown, Verna L.	103	60 00
Macintosh, Mary M.	103	30 00	Chase, Lillian A.	101	58 83
McIntyre, Florence	103	30 00	Chute, Frances L.	103	60 00
McLellan, Archibald	103	30 00	Coggins, Adelaide M.	101	58 83
McLeod, Alexander	103	30 00	Crocker, Hilburn M.	102	59 41
MacLeod, Norman J.	103	30 00	Cropley, Bertha O.	103	60 00
McPhee, Bessie	103	30 00	Davies, Kathleen	103	60 00
MacPhie, Margaret J.	98	28 53	Faulkner, Ellen	103	60 00
Reynolds, Emma May	102	29 70	Foote, Elida W.	103	60 00
Ross, Ethel	103	30 00	Frank, Merna M.	103	60 00
Somers, John C.	44	12 81	Gallagher, Mildred J.	101	58 83
			Gesner, Phoebe	10	5 82
			Gilliatt, Evelyn Ruth	93	54 16
			Hardy, Jean S.	102	59 41
			Hiltz, Nellie M.	103	60 00
			Hudgins, Minerva	102	59 41
			Illsley, Nellie	53	30 86
			Kennedy, Gladys B.	98	57 07
			Kent, Alice	78	45 42
			Knowlton, Cassie	99	57 66
			Lewis, Dora F.	103	60 00
			Mapplebeck, Idella	102	59 41
			Mitchell, Ida L.	103	60 00
			MacDonell, Margaret	98	57 07
			MacKenzie, Estelle J.	96	55 91
			Newcomb, Louise	103	60 00
			Nichols, Harriet E.	101	58 83
			Pinneo, Paige G.	101	58 83
			Reid, Evelyn J.	103	60 00
			Robinson, Lorenzo D.	103	60 00
			Ruggles, Florence L.	102	59 41
			Sellars, Pearl	101½	59 12
			Steeves, Hazel B.	103	60 00
			Thorpe, Katheryn V.	103	60 00
			Thorpe, Katheryn (Lib)		10 00
			West, Gladys I.	101	58 83
			Wright, Joanna J.	103	60 00
			Wylde, Sara W.	103	60 00
			Barkhouse, Hattie M.	103	45 00
			Bishop, Hattie L.	103	45 00
			Bishop, Helen D.	103	45 00
			Blenkhorn, Ethel F.	103	45 00
			Boylan, Olive C.	102	44 56
			Brydon, Ella M.	103	45 00
			Coldwell, Mary	103	45 00
			Corkum, Prudence	101	44 12
			Davison, Reta E.	102	44 56
			Downie, Helena G.	103	45 00
			Eaton, Muriel L.	103	45 00
			Eaton, Laura J.	103	45 00
			Etter, Alice A.	102	44 56
			Fox, Stella E.	103	45 00
<b>Poor Sections.</b>					
Chisholm, Florence J.	103	37 59			
Critchett, Edith M.	102	37 22			
King, Dora Viola	103	37 59			
McDonald, Mary A.	103	37 59			
McDougall, Annie M.	33	12 04			
McEachern, Annie	102	37 22			
McEachern, Jessie A.	103	37 59			
McKay, Alice Margaret	101	36 85			
McKinnon, Martha M.	86	31 37			
Matheson, Margaret J.	98	35 74			
Morrison, Florence	97	35 38			
Nicolson, Dan H.	98	35 74			
Proctor, Irene H.	103	37 59			
<b>Special Poor Sections.</b>					
Upper S. W. Mabou		60 00			
Lake Horton		50 00			
Skye Mountain		60 00			
Ashfield		60 00			
Big Harbor Island		60 00			
<b>Consolidation.</b>					
Glencoe		40 05			
<b>Annuitants.</b>					
Chisholm, Duncan		60 00			
Davis, Mrs. Mary		30 00			
McQuarrie, Angus		30 00			
<b>KINGS.</b>					
Ford, Robie W.	101	102 95			
Osborne, Norman A.	108	105 00			





**CHESTER.**

Andrews, Irene	103	60 00
Bryson, Seldon C.	102	59 41
Hartley, Ruby H.	102	59 41
Hirtle, Bertha I.	103	60 00
Hirtle, Bertha I. (Lib.)		5 00
Hyson, Myrna	98	57 07
Knickle, Jennie	103	60 00
MacMinn, Georgie	102	59 41
Zinck, Florence	103	60 00
Zinck, Jessie	103	60 00
Awalt, Florence	101	44 12
Boylan, Frances	100	43 68
Conrad, Grace	103	45 00
Kaulback, Ella	102	44 56
Rafuse, Lavinia	103	45 00
Webber, Manie	102	44 56
Young, Hazel	101	44 12
Bezanson, Annie	102	29 70
Collicutt, Mildred	103	30 00
Corkum, Ethel	101	29 41
Corkum, Harold	25	7 28
Corkum, Lola	102	29 70
Eisenhauer, Carmen	72	20 97
Fleet, Lois	103	30 00
Hawboldt, Ida	88	25 62
Hirtle, Erema	103	30 00
Millatt, Mabel	103	30 00
Mitchell, Hazel	103	30 00
MacInnis, Muriel	103	30 00
Rafuse, Maria A.	15	4 36
Sarty, Mabel	89½	26 06
Smith, Harriet M.	103	30 00
Smith, Mildred M.	103	30 00
Zinck, Olive	93	27 08

**Poor Sections.**

Backman, Ora	103	37 32
Boehner, Ora	102½	37 12
Boylan, Minna	102	36 96
Eisnor, Lillie	59	21 37
Evans, Frances	101	36 60
Rafuse, Hazel J.	101	36 60
Robinson, Emma G.	103	37 32

**PICTOU EAST.**

MacLeod, J. T.	102	103 97
Archibald, Greta	102	74 27
Baillie, A. G.	102	74 27
Dawson, Annie L.	103	60 00
Doull, Eva	102	74 27
Graham, Janet	102	74 27
Higgins, Stella	100	72 81
Larsen, Lida	102	74 27
McCabe, J. M. S.	102	74 27
MacLellan, Ruth	102	74 27
Porter, Mina	102	74 27
Rose, Annie	102	74 27
Roy, Lida	102	74 27
Robertson, Edna	102	74 27
Wadden, Olive	102	74 27

Balcom, Lewis S.	102	59 41
Bannerman, Margaret	102	59 41
Baylee, Susie	102	59 41
Calder, Elsie	103	60 00
Chisholm, Donna	103	60 00
Davis, May T.	102	59 41
Fraser, Alice	102	59 41
Freeman, Dorothy	102	59 41
Gunn, Mary A.	103	60 00
Hadley, Agatha	102	59 41
Harris, Annie E.	84	48 92
Hayman, Catherine	102	59 41
King, Florence	103	60 00
Lent F. I.	102	59 41
Macdonald, Mary	101	58 83
Macdonald, Margaret	102	59 41
MacLean, Estelle	102	59 41
MacLean, Cassie	102	59 41
MacLean, Eva	102	59 41
MacLeod, Gertrude	102	59 41
MacLellan, Barbara	102	59 41
MacMaster, Margaret	103	60 00
MacPherson, Eliza	102	59 41
Munro, Katherine	102	59 41
Munro, Edna M.	102	59 41
Murray, Sadie A.	102	59 41
Oulton, Millage	102	59 41
Philip, Maude	102	59 41
Pager, Edith	98	57 07
Ross, Liola	102	59 41
Robertson, Sarah E.	102	59 41
Russell, Martha	102	59 41
Smith, Margaret	102	59 41
Savage, Martha	102	59 41
Thompson, Elizabeth	102	59 41
Walker, Jennie	102	59 41
Young, Nettie	102	59 41
Archibald, Ann	102	44 56
Ballantyne, Jean	103	45 00
Bryenton, Katherine	103	45 00
Bonsfield, Rosa	103	45 00
Chisholm, Marguerite	102	44 56
Chisholm, Mary M.	102	44 56
Cox, Jean R.	102	44 56
Cameron, Ruth I.	103	45 00
Cruickshank, Alice	103	45 00
Cruickshank, Ruth	103	45 00
Cameron, Isabel	102	44 56
Colquhoun, Christena	103	45 00
Crockett, Annie C.	15	6 54
Fraser, Catherine	102	44 56
Fraser, Annie I.	103	45 00
Graham, Margaret	103	45 00
Harris, Mary M.	102	44 56
Holmes, Marjorie	103	45 00
Johnston, Evelyn	103	45 00
Keith, Sylvia	102	44 56
MacDonald, A. F.	102	44 56
MacDonald, Ida	102	44 56
MacDonald, Eva B.	103	45 00
MacDonald, Annie M.	103	45 00
MacDonald, Katherine	30	13 10
MacDonald, Celia	102	44 56
MacDonald, Rose	102	44 56
Macquire, Nola F.	103	45 00
MacGregor, Maybelle	102	44 56

MacIntosh, Margaret S.	101	44	12
MacKenzie, Charlotte	94	41	06
MacNeil, Eva	103	45	00
MacQuarrie, Christena	94	41	06
Maxwell, Bessie	102	44	56
Morrison, Evangeline	103	45	00
Meikle, Anna	102	44	56
Munro, Annie W.	102	44	56
Munroe, Dolina	102	44	56
O'Connell, Grace	102	44	56
Prowse, Cornelia	103	45	00
Park, Marion	103	45	00
Reeves, Margaret	103	45	00
Robertson, Susie	102	44	56
Ross, Anna J.	102	44	56
Stewart, Catherine J.	103	45	00
Stewart, Kathryn	103	45	00
Sutherland, Hattie	103	45	00
Sutherland, Ella T.	103	45	00
Sutherland, Annie M.	102	44	56
Thompson, Mary B.	102	44	56
Thompson, Ada W.	103	45	00
Allen, Elizabeth	102	29	70
Blair, Hazel	102	29	70
Baillie, Anna	102	29	70
Cameron, Hannah	102	29	70
Crockett, Elsie M.	103	30	00
Creighton, Mamie C.	72	20	97
Campbell, Mary B.	102	29	70
Chisholm, Jessie A.	39	11	35
Flemming, Elizabeth	102	29	70
Fraser, Elma	102	29	70
Harris, Catherine	103	30	00
Jonnston, Hughena	103	30	00
Lockhart, M. Grace	59	17	17
MacBean, Mary G.	102	29	70
MacDonald, Ruth	103	30	00
MacKenzie, Hazel	102	30	00
MacLeod, Christena	102	29	70
MacLeod, Mary I.	99	28	82
Mills, Martha	102	29	70
Stetson, Mabel L.	77	22	42
Smith, Marion	103	30	00

**Poor Sections.**

Campbell, Jessie L.	102	38	82
Chisholm, Mary C.	103	39	22
Dewar, Margaret	103	39	22
Fraser, Jessie I.	103	39	22
Gunn, Elizabeth	46	17	51
Gunn, Mabel A.	96	36	54
Harris, Alice M.	71	27	03
MacDonald, Annie M.	78	27	79
MacHardy, Joanna	103	39	22
MacIntosh, Nellie	103	39	22
Reid, Laura H.	103	39	22
Swinehamer, Lila	103	39	22

**Special Poor Sections.**

Greenvale	3	64	
Green's Brook	10	77	

**Consolidation.**

Bailey's Brook	90	00	
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**Annuitants.**

Cameron, Jessie	45	00
Cruickshank, Jessie	45	00
Ross, Maggie	45	00

**PICTOU WEST.**

McDonald, J. C.	102	89	12
MacInnis, R. J.	102	103	97
MacLellan, Robt.	102	89	12
MacLeod, R. H.	102	89	12
Anderson, Barbara	103	75	00
Barry, Alfreda	94	54	74
Carter, Elverina	103	60	00
Creighton, Susan	102	59	41
Cunningham, Laura	94	54	74
Douglas, Blanche	99	57	66
Dunn, Maud	102	59	41
MacArthur, Olive E.	102	59	41
Murdoch, Louisa M.	102	59	41
Sillers, Violet A.	103	60	00
Baillie, Catherine	99	43	24
Cox, Jeannette	103	45	00
Creighton, Margaret	98	42	80
Dickson, Sadie	9	3	92
Fraser, Jennie	103	45	00
Grant, Etta W.	102	44	56
Haley, Mary	102	44	56
Langille, Agnes	103	45	00
MacCara, Mary	103	45	00
MacCara, Margaret	103	45	00
MacDougall, Mildred	103	44	56
MacDonald, Ada S.	102	40	62
MacIver, Dolina	93	45	00
MacKenzie, Alexandra	103	44	56
MacLennan, Irene	102	45	00
MacLeod, Marion	103	45	00
MacLeod, Bessie M.	103	45	00
MacLeod, Catherine E.	57	24	89
McCunn, Isabel	103	45	00
Murray, Elizabeth	103	44	56
Murray, Bessie L.	102	42	80
Munro, Margaret	98	45	00
Munro, Christy	103	44	56
Rose, Jessie F.	102	45	00
Sutherland, Laura B.	103	45	00
Sutherland, Margaret	103	28	58
Brown, Bessie	98	29	70
Creighton, Elizabeth	102	29	70
Campbell, Menah	102	30	00
Dickson, Jean D.	103	30	00
Dwyer, Verna	103	29	70
Fraser, Joan	102	29	12
Gray, Alice M.	100	29	41
Hamilton, Annie	101	30	00
MacGregor, Margaret	103	28	58
MacKay, Helen M.	98	27	37
MacKay, Mary E.	94	30	00
MacKay, B. Maude	103	29	70
MacKay, Ethel	102	30	00
MacKenzie, Jessie M.	103	28	58
MacKenzie, Estelle	98	10	47
MacLeod, Jessie	36		



MacPherson, Christene	102	29 70	Heisler, Nellie	102	29 70
Matheson, Irene	103	30 00	Jones, Margaret	102	29 70
Munroe, Mary E.	44	12 81	Latham, Hattie	103	30 00
Munro, Robertha	88	25 62	Lloyd, Irma	103	30 00
Rae, Mary E.	103	30 00	Meisner, Helen	103	30 00
Robertson, Annie I.	103	30 00	MacKinnon, Marjorie	103	30 00
Thomson, Helen	103	30 00	MacKinnon, Marjorie h y 6		1 74
Watt, Anna A.	103	30 00	Phelan, Susan M.	96	27 95
			Shields, Freda	103	30 00
			Van Horne, Marion	102	29 70

Poor Sections.

Baillie, Christena	103	39 22
Heckman, Eva	103	39 22
Harris, Elizabeth D.	103	39 22
Porteous, Ruth	103	39 22
Robertson, Irene	103	39 22
Redmond, Ada	21	7 99
Tattie, Jean	31	11 79

Assistant.

Gilchrist, Christena	102	29 70
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Consolidation.

Lovat (Temporary)		30 00
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Annuitants.

Gollan, John		60 00
MacArthur, Alex		60 00
McDonald, D. W.		60 00

QUEENS SOUTH.

Morton, A. F.	103	105 00
Bryden, Alice E.	103	60 00
Clement, Mary	15	8 73
Collins, Pearl	103	60 00
Dexter, Vera	103	60 00
Freeman, Wilhelmina	103	60 00
Harlow, Jennie	103	60 00
Harrington, E. B.	88	51 24
Hemeon, Elizabeth	103	60 00
Kempton, Bertha	102	59 41
Morehouse, Walter	101	58 83
Rand, Harrietta	103	60 00
Smith, Daisy	103	60 00
Beckwith, Bessie	103	45 00
Bruce, Carrie	103	45 00
Cole, Elizabeth	103	45 00
Hilton, Muriel	102	44 56
Mouzar, Effie	103	45 00
MacLeod, Ethel	103	45 00
Wharton, Zella	103	45 00
Smith, Myrtle	103	45 00
Brooks, Jessie	103	30 00
Brooks, Lena	103	30 00
Cooper, Elizabeth	103	30 00
Cooper, Gertrude	103	30 00
Dexter, Ruth	103	30 00
Eignor, Mildred	100	29 12
Gerhardt, Frances	103	30 00
Heckman, Belle	103	30 00

Poor Sections.

Harlow, Emma M.	102	39 61
Shupe, Greta H.	103	40 00
Wamboldt, Sadie	101	39 22

QUEENS NORTH.

Eaton, Lela G.	102	59 41
Fancy, Lydia A.	96	55 91
Farncombe, Maud	103	60 00
Farncombe, Maud (Lib.)		10 00
Frank, Mabel V.	100	58 25
Freeman, Winnie	102	59 41
Kaulback, Birdie	103	60 00
Mosher, Hilda	103	60 00
Ennis, Hilda B.	102	44 56
Germain, Clyda A.	103	45 00
Littlewood, Elizabeth	103	45 00
Etherington, Bernice	103	30 00
Hirtle, Gladys	103	30 00
Robertson, Margaret	101	29 41
Rogers, Gladys	98	28 53
Warman, Irene	103	30 00

Poor Sections.

Dukeshire, Gladys	103	40 00
Crossland, Rena B.	35½	13 79
Fraser, Katherine A.	102	39 61
Hanley, Esther B.	103	40 00
Martin, Violet	89	34 56
Parker, Edna	103	40 00
Whitman, Georgia	103	40 00

Annuitants.

Mullins, Jennie 1st hf. yr.		90 00
Mullins, Jennie E. 2nd hf. yr.		180 00

RICHMOND.

Murray, Annie Letitia	103	105 00
MacLean, Jessie B.	103	75 00
MacQueen, Margaret J	103	75 00
Boudreau, Martha J.	102	59 41
Coady, Agnes R.	103	60 00
Doyle, Johanna M.	103	60 00
MacDonald, Jessie E.	103	60 00
MacPherson, Mildred	103	60 00
Samson, Mary Edna	103	60 00



Nickerson, Clara G.	101	29 41
Ringer, Muriel B.	97	28 24
Snow, Marguerite	103	30 00
Swimm, Hazel O.	102	29 70

**Poor Sections.**

Churchill, Orpha	83	32 23
Hayden, Mary E.	102	39 61
Morton, D. A.	101	39 22
Snow, Ruby H.	103	40 00

**Annuitant.**

Matheson, W. H.	45 00
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**Poor Sections.**

Jones, Mildred B.	103	40 00
MacKay, Geraldine	103	40 00
Randall, Theora W.	103	40 00
Reynolds, Frances E.	103	40 00
Seaboyer, V. T.	64	24 85
Trefry, Elsie P.	103	40 00

**Annuitants.**

Goodick, J. D.	45 00
MacMillan, E.	45 00
McLeod, A. N. 1st hf. yr.	250 00
McLeod, A. N. 2nd hf. yr.	250 00

**VICTORIA.**

**SHELburnE.**

Rudolf, A Mary	103	105 00
Capstick, Grace	10	5 82
Crowell, S. B.	103	60 00
Decker, Bertha C.	102	59 41
Doane, C. Belle	103	60 00
Hood, Helena A.	103	60 00
Langille, E. H.	103	60 00
Lent, Lottie G.	103	60 00
MacKay, Margaret	103	60 00
McGinnis, Gladys R.	103	69 00
Zinck, Ella S.	103	60 00
Bower, E. F.	102	44 56
Etherington, Lillian	103	45 00
Firth, Alice W.	103	45 00
Firth, E. Louise	103	45 00
Hamilton, Mary A.	102	44 56
Hemeon, E. F.	103	45 00
Kean, E. S.	103	45 00
Locke, F. Alberta	103	45 00
Locke, Marion F.	97	42 37
MacDonald, K. G.	103	45 00
MacKenney, E. A.	103	45 00
MacMillan, Bernice	101	44 12
MacMillan, Doris	84	36 68
Nicol, M. J.	89	38 87
Page, Theodore	102	44 56
Pennington, J. G.	103	45 00
Perry, Hilda M.	103	45 00
Cameron, M. L.	103	30 00
Crouse, Hattie B.	103	30 00
Downie, Valda B.	102	29 70
Farrington, Helen M.	103	30 00
Hagan, Ida V.	102	29 70
Harding, Zella M.	102	29 70
Hayden, L. Beryl	102	29 70
Kempton, Cora A.	103	30 00
Laing, Isabel J.	103	30 00
MacKenzie, S. V.	102	29 70
Manthorne, Mildred	101	29 41
Nickerson, Norma C.	97	28 24
O'Connor, Mildred	102	29 70
Reddine, Nellie	102	29 70
Reynolds, Elsie L.	26	7 56

MacLean, Christina	102	103 97
MacDonald, Flora A.	100	58 25
MacDonald, Catherine	103	60 00
MacDonald, M. B.	103	60 00
MacIntosh, Annie	105	60 00
MacKay, Tena A.	102	59 41
MacLennan, Jessie	101	58 83
MacLeod, Isabel	103	60 00
MacLeod, Christina M	103	60 00
Bagnell, Viola M.	103	45 00
Buchanan, Margaret	103	45 00
Elliott, Laura	103	45 00
LeBlanc, Catherine M.	102	44 56
LeBlanc, Mary	10	4 36
LeBlanc, Mary	103	45 00
MacAskill, Flora B.	103	45 00
MacDonald, Mary A.	103	45 00
MacDonald, Florence C	103	45 00
MacIvor, Annie A.	103	45 00
MacKay, Hannah R.	102	44 56
MacKenzie, Margaret	103	45 00
MacLeod, Abbie	101	44 12
MacNeil, Sara M.	103	45 00
MacPherson, Sadie	103	45 00
MacPherson, S. 1st hf yr	10	4 36
Metherall, Isabel	103	45 00
Metherall, I. 1st hf. yr.	101	44 12
Morash, Sara M.	34	14 84
Nicholson, Margaret	102	44 56
Smith, Marv E.	102	44 56
Smith, Mary 1st hf yr.	9	3 92
Stephens, Helen W.	101	44 12
Stephens, H.W. 1st hf yr	100	43 68
Buchanan, Sadie	103	30 00
Buchanan, Tena A.	103	30 00
Daye, Clara E.	102	29 70
Elliott, Mary E.	101	29 41
Elliott, Mary E. 1st hf	101	29 41
Fraser, Mabel	98	28 53
MacAulay, Annie F.	98	28 53
MacDonald, Eliza B.	42	12 23
MacGillivray, M.	103	30 00
MacGregor, Mary A.	103	30 00
MacIvor, Archie N.	98	28 53
MacIvor, Annie	103	30 00



**Annuitants.**

Goudey, A. A. B.	60 00
Goudey, Theodosia	60 00
Huestis, Hannah	60 00
Chipman, A. J.	45 00
Hilton, Mary M.	45 00

**ARGYLE.**

Ricker, Annie L.	103	60 00
Amirault, Estelle	74	43 09
Belliveau, Catherine	103	60 00
Comeau, Lucie M.	103	60 00
d'Entremont, H. L.	103	60 00
d'Entremont, Rhoda	103	60 00
d'Entremont, Jeanette	103	60 00
d'Entremont, C. U.	103	60 00
Hermann, Ella	103	60 00
Hurlbert, D. Alta	103	60 00
Mills, Mary E.	102	59 41
Nickerson, B. A.	103	60 00
Perry, E. C.	102	59 41
Sr. M. Madeleine	103	60 00
Amirault, Ambrosine	103	45 00
Amirault, Mary I.	103	45 00
Babin, Mary C.	103	45 00
Babin, Mary T.	103	45 00
Bourque, Louise A.	103	45 00
d'Entremont, Victoire	103	45 00
d'Entremont, Eleanor	103	45 00
Goodwin, Mabel	103	45 00
Hamilton, Stella G.	103	45 00
Hines, Mildred	103	45 00
Jones, Bessie V.	103	45 00
LeBlanc, Marie S.	103	45 00
Murphy, Kate M.	103	45 00
Nickerson, Doris G.	103	45 00

Pothier, Emma M.	103	45 00
Pottier, Estelle J.	103	45 00
Reeves, Elaine W.	103	45 00
Reeves, Elaine W. (Lib.)		10 00
Simms, Elizabeth	103	45 00
Sister M. Elise	103	45 00
Sister M. Seraphia	98	42 80
Sister M. Eugenie	103	45 00
Surette, Rose A.	103	45 00
Amirault, Muriel	103	30 00
Amirault, Emile	103	30 00
Babin, Rose A.	103	30 00
Bourque, Helen M.	103	30 00
Bourque, Rosie	103	30 00
Bourque, Emma R.	93	27 08
Burke, Marguerite	103	30 00
Curry, Mattie E.	102	29 70
d'Entremont, C. M.	103	30 00
Fitzgerald, Laurie	97	28 24
Goodwin, Rosa P.	102	29 70
LeBlanc, John B.	103	30 00
Meuse, Agnes B.	103	30 00
Pothier, Martha	103	30 00
Sister M. Gonzaga	103	30 00
Smith, Marjorie C.	103	30 00
Surette, Anne E.	103	30 00

**Poor Sections.**

Amirault, Mathilda	103	40 00
Babin, Chantale	102½	39 81
Babin, Caroline	105	40 00
White, Hazel E.	102	39 61

**Annuitants—General.**

Calkin, J. B.	300 00
Hall, J. B.	300 00
Roscoe, C. W.	300 00
Smith, C. A.	250 00

### Municipal School Fund

For the support of Public Schools, appropriated to Trustees of School Sections named below for the year ended July 31st, 1917.

The Asterisk (\*) = in poor sections.  
(Con.) = Consolidation.

Legally authorized days schools were open.  
Grand total days attendance of pupils.  
Total amount from Municipal Fund.

Lake Pleasant	200	3180	39	18
Falkland Ridge	204	6165	53	67
Torbrook Mines	206	3381	40	84
Hastings	192	7068	56	46
North Springfield	198	6939	56	58

#### Poor Sections.

Douglas Road	206	1237	46	20
West Inglisville	200	1262	45	29
Inglewood	159	1909	42	37
Torbrook East	196	928	42	20
Morse Road	152	692	32	08
Durling's Lake	206	2231	53	20
Albany Cross	102	405	21	42
Dalhousie W.	206	1453	47	72
Dalhousie Centre	206	3336	60	96
Cherryfield	186	1605	45	14
Hunter's Lodge	45	138	9	17

#### ANNAPOLIS EAST.

School for the Deaf		375	00	
School for the Blind		375	00	
Melvorn	402	7533	84	11
Forest Glade	206	3878	43	19
E. Margaretville	206	4168	44	56
Margaretville	185	3778	40	17
Prince Albert	206	2543	36	92
Victoria Vale	206	2299	35	79
Mosher's Corner	206	1972	34	25
Port George	206	1866	33	75
Mt. Hanley	200	3241	39	47
Outram	192	1244	29	14
Port Lorne	187	3268	38	02
Arlington	197	1680	31	78
St. Croix Cove	200	3610	41	20
Hampton	206	3988	43	70
Clarence West	204	2904	38	37
Clarence Centre	205	3434	40	99
Clarence	206	2601	37	19
Brooklyn West	206	2153	35	09
Spa Springs	203	3352	40	34
South Farmington	206	4096	44	22
Wilmot	203	2307	35	44
Middleton	1025	34675	287	09
Brickton	206	5023	48	56
Lawrencetown	608	18128	158	79
Paradise	412	9705	95	53
Bridgetown	1236	45587	363	88
Meadowvale	206	2076	34	74
Torbrook	412	8504	89	89
Nictaux Falls	206	3617	41	96
Nictaux South	206	2471	36	60
Nictaux	206	5473	50	67
South Williamston	206	3304	40	50
North Williamston	205	2536	36	77
Carleton	411	8508	89	79
Centrelea	206	3625	42	00
Tupperville	204	2130	34	74
Bloomington	206	3689	42	30
Inglisville E.	205	2536	36	78
North Albany	206	1281	31	00
Albany	205	1515	31	98
West Paradise	205	5320	49	83
Springfield	199	3402	40	11

#### ANNAPOLIS WEST.

Young's Cove	185	5342	47	51
Parker's Cove	205	5085	48	70
Hillsburn	206	4861	47	80
Litchfield	206	4590	46	58
Victoria Beach	399	7602	84	08
Port Wade	205	7727	61	12
Karsdale	206	5232	49	55
I.r. Granville	201	4160	43	91
Stoney Beach	206	2507	36	75
Granville Ferry	412	10949	101	87
Granville Centre	206	4920	48	08
Belleisle	206	5307	49	90
Gesner	205	5436	50	89
Chesley	204	3909	48	08
Round Hill	412	10120	97	78
Moschelle	206	2714	37	73
Annapolis	1236	33764	308	41
Up. Clements	204	1428	31	46
Clementsport	411	8167	88	19
Deep Brook	405½	5530	75	87
Waldeck East	200	1218	29	99
Bear River East	204½	4472	45	81
Clementsvale	411	8224	88	46
Prince Dale	206	2632	37	34
Greywood	188	1992	32	54
Milford	203	2754	37	54
Maitland	203	5596	37	54
Lake LaRose	182	1898	30	99
Perotte	180	2545	33	77
L'Equille	408	7432	84	87
Waldeck West	199	2792	37	24
Allen River	205	1364	31	28
Beaconsfield	206	2082	31	28

#### Poor Sections.

Phinney Cove	191	2990	55	80
Greenland	142	1324	35	15
Wright	156	1097	36	11
Virginia	206	2266	53	48
Dargie	189	966	41	21
Lake May	187	1027	41	26

Victory	117	1220	29 88	Brierly Brook	206	4721	52 53
W. Springhill	112½	406	23 35	Springfield	205	2230	37 89
Guinea	154	952	34 72	North Grant	201	1794	34 85
East Victory	192	2252	50 79	Maryvale	206	1374	33 01

**Special Poor Sections.**

Lake Munro	131	639	28 35	Blackavon	206	2296	38 39
Perotte (Con.) under Sec. 5.			13 75	Frankville	192	4791	51 24
				Cape Jack	205	5753	58 43
				Union Centre	206	2407	39 04
				St. Joseph's	206	4597	51 81
				College Grant	192	1851	34 09

**Border Sections.**

Dalhousie E.	205	875	10 47
Bear River	1236	15722	140 04
Northfield	191		
Kingston	206	489	4 68
New Albany	204	1131	45 03
New Grafton	205	918	10 36

**Poor Sections.**

Williams' Point	159	1764	44 37
Caledonia Mills	204	2347	57 67
Lochaber	205	2443	58 69
W. Lochaber	187	1139	44 00
Upper Glen Road	192	1222	45 64
Up. Springfield	206	1918	54 28
Stewart's Mills	187	2161	52 94
Pinevale	179	993	41 27
Cloverville	204	3434	67 18
Big Marsh	205	2208	56 64
Fairmont	206	4737	78 94
Hallowell Grant	165	846	37 43
Ashdale	164	939	38 06
Avonside	153	1916	44 61
Middleton	192	1866	51 27
Copperlake	192	1456	47 69
New France	155	859	35 73
W. Lakevale	185	1503	46 82

**ANTIGONISH.**

School for Blind			125 00
Georgeville Consolidation			25 00
West River			49 76
Bailey's Brook			48 78
Antigonish	2678	59313	670 96
North River	102	907	17 67
Harbor Road	206	1274	32 43
Morristown	202	3581	45 40
Lakevale	206	2639	40 39
S. Side C. George	204	3010	42 32
Cape G. Point	206	2809	41 38
Morar	206	3648	46 28
Georgeville	206	2408	39 04
Malignant Cove	206	4585	51 74
Arisaig	206	4110	48 97
Macara's Brook	206	3934	47 94
Pleasant Valley	206	2733	40 94
Clydesdale	206	2347	38 69
Lower S. River	206	2463	39 36
S. Side Harbor	200	2247	37 37
Monk's Head	203	3627	45 79
Lower Pomket	206	7416	68 25
Heatherton	206	5074	54 60
Bayfield	206	2179	37 71
Afton	206	2645	40 43
W. A. Tracadie	206	5441	56 74
Big Tracadie	206	4793	52 95
E. Tracadie	206	5057	54 50
Linwood	205	2999	42 37
Havre Bouche	618	11353	141 22
E. Havre Bouche	192	3055	41 12
Fraser's Grant	205	2795	41 18
Glassburn	206	3048	42 78
Marydale	206	3772	47 00
St. Andrews	412	5139	79 97
Dunmore	206	1874	35 93
Fraser's Mills	205	3986	48 13
Up. S. River	206	2938	42 13
N. Lochaber	206	3208	43 71
West River	410	6953	90 31
Beaver Meadow	202	1816	35 10
Cross R's Ohio	202	4180	48 89
James' River	206	1919	36 19

**Border Sections.**

Merland	206	3176	32 27
Auld's Cove	192	2044	42 19
Dunnaglass	201	677	7 83
Brown's Mt.	201	290	3 35
Grosvenor	187	599	9 97

**CAPE BRETON.**

School for Deaf			1375 00
School for Blind			3025 00
Sydney	16751	680992	5267 16
South Bar	206	5556	51 39
Lower Point	591	11079	124 34
New Waterford	4989	172841	1426 34
Lingan	206	5850	52 78
Lingan Road	201	4425	45 40
Lakevale	195	2071	33 50
Gardiner	206	5235	49 86
Reserve	2059	71602	589 94
Dominion	2017	78360	616 94
Glace Bay	13950	605931	4570 74
Big Glace Bay	1024	34034	285 91
Lakeview	205	2805	38 20
Blockhouse	206	1958	34 30
Gowrie	815	22264	204 65
Birch Grove	412	12311	108 47
Homeville	203	2521	36 60
South Head	200	2557	36 41
Milton	190	3593	40 12
Round Island	205	1655	32 74

Mira Gut	187	1155	28	17
Horn's Road	206	1920	34	12
Westmount	203	3973	43	50
Marion Bridge	203	3317	40	38
Sandfield	178	1879	30	52
Sandfield, Refund			53	90
The Meadows	200	1798	32	81
The Meadows, (Con.)			48	54
Sydney River	206	3851	43	29
Coxheath	206	6219	54	54
Blackett's Lake	206	2211	35	50
Edwardsville	205	4244	45	03
Point Edward	199	3425	40	42
Ball's Bridge	204	3926	43	41
Ball's Creek	143	1820	25	99
Leitche's Creek	157	1956	28	34
Up. Leitche's Ck.	204	2155	34	99
Up. N. Sydney	206	4368	45	74
North Sydney	4734	211159	1577	38
Sydney Mines	6919	263579	2091	51
Florence	1236	40835	343	94
Alder Point	412	13996	116	47
Little Bras d'Or	410	15970	125	61
Lt. Bras d'Or W.	205	4744	47	41
George's River	203	5212	49	38
Long Island Main	161	1289	25	66
Big Bank	206	1694	33	04
Eureka	202	2867	38	13
Grove's Point	203	2010	34	18
Mill Creek	205	6835	57	34
Point Aconi	206	1813	33	61
Millville	200	2824	37	68
Union	170	1670	28	56
Brickyard	198	1582	31	54
Catalone	206	2827	38	43
Bateston	191	4453	44	33
Clark's Road	205	1155	30	36
Mainadieu	176	3722	39	04
Baleine	121	570	17	39
Little Lorraine	193	2936	37	36
Big Lorraine	202	1879	33	43
Louisburg	1198	43028	349	74
West Louisburg	194	6008	52	07
French Road	193	2999	37	66
Gabarus Bay	199	1892	33	14
Gabarus	405	7584	85	17
Gabarus Lake	186	2370	33	83
Up. Grand Mira	199	4770	46	80
Victoria Bridge	204	2243	35	41
Salmon River	192	1962	32	62
East Bay	201	2956	38	43
East Bay (Con.)			73	17
Brack's Brook	206	4143	44	68
Big Pond	206	3799	43	04
Irish Vale	201	3863	42	74
Loch Lomond	138	1874	25	65
Portage	183	3143	37	14
N. Side East Bay	206	3326	40	80
Eskasoni	206	1811	33	60
Eskasoni (Con.)			29	77
Benacadie	203	5153	49	10
Grand Narrows	198	2111	34	05
Christmas Island	206	5394	50	62
Beaver Cove	206	2623	37	46
Boisdale	201	4995	48	11
Barachois	206	5031	48	89

Poor Sections.

Front Lake	180	1228	41	52
Caribou Marsh	156	888	34	73
Rear Ball's Creek	70	324	15	05
Scatarie	121	1742	34	43
Trout Brook	113	1032	28	28
Big Ridge	119	1525	32	52
Ocean View	192	1466	45	39
Ocean View (Con.)			23	30
Belfry	68	1206	20	97
Grand Mira	131	816	29	66
Grand Mira N.	193	3323	58	80
Macadam's Lake	111	1694	32	27
Amaguadeez	203	2544	55	07
Highlands	103	1777	31	41
Big Beach	167	1590	41	73
Frenchvale	185	2574	52	02
Catalone Gut	194	1431	45	51

Special Poor Sections.

Woodbine	196	1706	47	83
Ben Eoin	192	1266	43	97
Long Island	101	908	24	85

Border Sections.

Irish Cove	206	1602	20	27
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COLCHESTER NORTH.

Tatamagouche	411	12232	165	57
Tatamagouche School Garden			17	00
Tarbet	206	3949	71	29
Forest	206	3042	66	40
Waugh's	204	2655	64	25
Middleton	206	3239	67	42
French River	203	4340	72	63
Bayhead	205	3516	62	70
Murphy's	206	2272	68	25
Millbrook	197	3591	67	14
Oliver's	200	3861	69	34
McLeod's	206	2561	63	78
Byers	205	4935	76	30
Wilson's	205	4415	73	51
West Earltown	206	852	78	51
Balmoral	206	1140	54	60
Slades	187	3163	56	12
Earltown	201	2898	62	31
Brule	206	2923	64	42
Conkey	204	3004	64	42
Falls	206	1495	65	72
East Earltown	206	1878	65	79
Brule Shore	205	1375	65	79
Denmark	206	1590	65	79

Poor Sections.

Lake Road	202½	2458	78	22
New Road			15	00
Truro Road	201	2220	76	14
Keble	206	1992	76	13



**COLCHESTER WEST.**

Lr. Five Islands	412	6404	134	44
Up. Five Islands	412	7798	142	00
Lr. Economy	206	3356	68	06
Central Economy	412	6955	137	43
Upper Economy	203½	4795	75	24
Pleasant Hills	146	1577	43	83
Bass River	411	12803	168	70
Montrose	206	2665	64	33
Highland Village	142½	2286	46	78
Gt. Village, Con.	617	20254	308	80
Lornevale	172	1441	49	37
Londonderry	823	20007	307	46
West Folly Mt.	177	2151	54	35
East Village	206	1956	60	50
Folly Village	412	6718	136	19
Lr. DeBert	200	2442	61	67
Masstown	137	3200	50	38
DeBert Station	338	5771	113	00
East Folly Mt.	206	2435	63	09
Londonderry St.	205	2761	64	64
Portaupique	206	2470	63	29
Hardwood Hills	206	6111	82	92
Little Bass River	164	3400	57	99
Portaupique Mt.	200	1922	58	86

**Poor Sections.**

Lynn	204	1322	70	90
Castleight	204	619	66	12
Folly Lake	206	2502	79	58

Hilden	206	4591	74	65
Brookfield	406	12764	167	19
Alma	193	2785	61	86
Fort Ellis	205	2019	60	64
Stewiacke	822	24488	311	32
Ladnor	205	4023	71	43
Shubenacadie E.	206	4966	76	71
Gays River	206	3278	67	65
Coldstream	205	1329	56	91
West St. Andrews	204	1450	57	34
South Branch	206	4135	72	25
Meadowvale, Con.	205	2492	81	16
Newton Mills	206	4406	73	70
Eastville	206	4776	75	72
Pembroke	206	3045	66	40
Burnside	196	2899	63	18
Cross Roads	206	4765	75	64
Up. Stewiacke	203	5540	79	11
Otter Brook	206	4040	71	76
Mid. Stewiacke	203	4683	74	48
Birch Hills	185½	1529	53	11
Alton	206	4081	71	96

**Poor Sections.**

McCallum's	206	1907	75	50
Nutby	166	896	56	34
Up. North River	160½	884	54	67
Forest Glen	206	1011	62	50
Riverside	199	3106	81	57
Wittenberg	206	3025	83	16
Lanesville	206	1916	71	45

**COLCHESTER SOUTH.**

School for Blind			175	00
Truro	6335	228809	2769	23
Bible Hill	618	21121	262	78
Upper Onslow	205	5750	80	76
Central Onslow	206	2132	61	74
Lower Onslow	202	5473	78	63
Belmont	206	6522	85	13
Up. Belmont	206	3242	67	45
Crowe's Mills	206	5068	77	37
Onslow Mt.	206	5518	79	71
Central North R.	206	1997	60	75
Lr. North River	206	3419	68	40
Salmon River	205	4079	71	74
Valley	206	6506	85	00
Manganese Mines	206	3806	70	49
Kemptown	157	1329	45	16
Riversdale	205½	2677	64	29
Greenfield	206	5239	78	20
Harmony	200	4768	74	25
Camden	204	2219	61	48
Lower Truro	206	3662	69	75
Old Barns	205	5658	80	22
Clifton	140	497	36	63
Princeport	206	3668	69	75
Beaver Brook	202	4031	70	74
Green Oaks	197	3625	67	36
Green's Creek	157½	1517	46	31
Lr. Pleasant Val.	195	1131	53	41
Up. Pleasant Val.	203	1403	56	84

**CUMBERLAND.**

School for Blind			250	00
School for Deaf			500	00
Malagash Point	206	3086	67	15
North Shore	198	1853	58	36
Malagash	205	2773	65	17
Stake Road	203	3734	70	04
East Wallace	205	3274	67	96
Linden	200	2717	63	64
Richmond	206	3203	67	82
Wallace	411	8265	145	71
Six Mile Road	203	3627	69	44
West Amherst	205	5467	80	16
South Middleboro	184	2660	59	44
Wentworth	205	2959	66	21
Wentworth (Con.)			50	00
East Amherst	203	4741	75	64
Wentworth Stn.	206	1922	60	70
North Wallace	202	5743	80	95
Fox Harbor	204	2732	64	71
Lr. Gulf Shore	206	818	54	55
Up. Gulf Shore	206	1887	61	50
Pugwash	618	18136	250	85
North Wallace B	206	2072	61	52
South Wallace B	201	3129	66	20
Pugwash Jct.	201	4900	76	05
E. Pugwash R.	204	2050	60	92
W. Pugwash R.	203	3275	67	48
Wallace Bridge	205	3702	70	34
Rockby	200	1390	56	27



DIGBY.

School for the Deaf		125	00
School for the Blind		250	00
Milford Corner	198	2495	37 79
Lansdowne	206	2538	38 99
Morganville	205	2763	40 11
Cross Roads	202	2033	35 73
Smith's Cove	408	6012	82 66
Acaciaville	206	4544	50 06
Hill Grove	206	3171	42 49
North Range	206	6177	59 05
Marshalltown	174	3856	42 37
Brighton	412	8013	94 20
Plympton	182	5810	54 13
Port Gilbert	205	5856	57 17
Ashmore	206	5540	55 45
Fort Point	79	673	13 29
Weymouth North	407	7468	90 58
Weymouth	610	17004	167 79
Weymouth Mills	205	2610	39 28
Doucetville	206	5198	53 65
Digby	1394	44003	411 81
Culloden	192	3848	44 53
Mt. Pleasant	186	1823	32 63
Rossway	191	4394	47 41
Waterford	189	3117	40 14
Centreville	412	14043	127 46
Sandy Cove	206	6224	59 22
Mink Cove	206	3366	43 56
Little River	201	4268	47 92
Tiverton	617	15262	159 05
Central Grove	206	3722	45 53
Freeport	824	27088	249 47
Westport	819	16508	190 43
Lake Jolly	203	2326	37 45

Poor Sections.

Joggin	185	1684	47 61
South Range E.	206	2040	54 38
Weymouth Falls	189	5403	79 10
Sissiboo Falls	197	1719	50 09
Plympton Stn.	201	3011	61 50
Riverdale	157	1357	39 80
Bay View	201	2513	57 36
Roxville	201	2456	56 90
Lakeside	137	1618	38 43
Tidderville	206	2400	57 35
East Ferry	85	1386	26 92
South Range W.	200	2811	59 65

Border Sections.

Southville	188	1283	31 90
Danvers	184	2740	55 53
Bear River	1236	19861	193 24
Ohio	206	234	4 23
Harlem	157	945	20 26

CLARE.

School for the Blind		375	00
School for the Deaf		250	00
New Edinburgh	201	8496	62 77

Belleveau's Cove	409	12939	107 62
St. Joseph	192	33965	40 77
Grosses Coques	405	12488½	105 11
Church Point	412	10051	95 04
Comeauville	609	18386	156 30
Saulnierville	412	9382	92 05
Meteghan River	600	14949	139 81
Meteghan	824	31459	241 00
Cheticamp	205	5779½	50 77
Mavilette	412	7940½	85 58
Salmon River	408	10204	95 24
Hassetts	171	1943	29 46
Havelock	189	2435	33 84
New Tusket	201	4636½	45 17
Corberrie	161	4793	41 01
Concession	412	11595½	102 30
Theriahult	412	8888½	89 84
Meteghan Stn.	205	5184	48 12
Mayflower	205	3542	40 76
St. Martin	206	5577½	50 00
St. Benoni	205	5724	50 53
Lr. Saulnierville	205	7570	58 80
Bear Cove	206	3607½	41 17
Cape St. Mary	206	7891	60 36
Lake Doucet	204	4936½	46 88
Little Brook St.	206	7109	56 86
St. Bernard	206	9192	66 20

Poor Sections.

Brier Lake	205	3158½	58 56
Easton	170	1711½	42 42
Hectanooga	204	3354	59 70
Richfield	206	2618	55 10

Border Sections.

Beaver River	202	2049	28 12
Cedar Lake	206	3096½	38 88
Ohio	206	2808	35 65
Harlem	157	1226	24 24
*Southville	188	779½	18 13
*Dancers	184	54	1 00
Lake Annis	185	382	5 45

GUYSBORO.

School for Blind			575 00
Retained for Glencoe			20 00
Guysboro	824	18846	230 98
Riverside	181	2835	41 67
Roman Valley	206	3405	48 66
Cook's Cove	205	4804	58 27
Roachvale	206	2529	42 58
Ogden	204	2481	42 00
Erinville	206	3768	51 19
U. New Harbor	206	3965	52 56
Half Way Cove	206	5242	61 43
Queensport	206	7519	77 26
Half Island Cove	206	8000	80 60
Hazel Hill	821	17028	217 99
Canso	1442	54104	551 08
U. White Head	206	2565	42 83
White Head	206	8000	80 60

N. Intervale	197	2083	38	39	Wine Harbor	206	5718	44	28
Mid. Melford	203	2820	44	24	Port Hilford	100	1652	20	71
Sand Point	195	1525	34	26	Sonora	203	5391	52	60
Up. Manchester	206	1712	36	90	Goldenville	191	7000	59	49
Mid. Manchester	206	2620	43	21	Goshen	206	2171	36	26
Lr. Manchester	206	2637	43	33	Cheggoggin	192	2033	33	84
Port Shoreham	205	4650	57	20	Spanish Ship Bay	203	3250	41	50
St. Francis Har.	192	1780	35	67					
Boylston	202	3556	49	22					
Mulgrave	404	11899	131	73					
Pirate Har.	409	13677	144	70					
Steep Creek	192	2115	39	00					
Oyster Ponds	205	3407	48	56					
C. Harbor Mines	196	2711	42	63					
Stormont	204	3286	47	60					
Lr. New Harbor	206	4387	55	49					
Isaac's Harbor	397	9868	116	76					
Goldboro	412	8833	111	39					
Seal Harbor	168	4275	50	10					
Giant's Lake	206	3929	52	31					
Lakedale	192	1293	32	29					
Dover	185	6839	69	98					
E. Port Felix	206	6459	69	89					
W. Port Felix	206	6264	68	53					
Cole Harbor	206	2716	43	88					
Charlo's Cove	206	7778	79	06					
Larry's River	371	14935	148	82					
Gammond's Pt.	153	1838	31	34					

**Poor Sections.**

Smithfield	138	1100	33	68
Lr. Caledonia	206	2176	54	43
Cameron Sett.	191	1246	44	46
New Chester	156	2521	55	29
Liscomb Mills	161	1299	39	41
St. Mary's River	187	1448	46	95
Union	90	710	21	90

**Border Sections.**

Newtown	191	1150	24	92
Port Bickerton	149	2377	23	33
Cross Rds. C. Har	205	614	5	88
Argyle	89	312	9	72

**HALIFAX WEST.**

Poor Sections.				
Havendale	197	1613	52	67
S. Interval	206	999	47	91
Prospect	184	2735	62	00
Sandy Cove	205	1182	49	12
Black Pt.	192	3144	67	73
Up. Big Tracadie	192	1850	54	24
Coddle's Harbor	182	1939	53	34
N. Ogden	191	1286	48	18
Fisherman's Har.	177	1472	47	56
Lundy	123	602	28	66

Border Sections.				
Grosvenor	187	1297	25	22
C. Harb. Cross Rd	205	4793	55	54
Argyle	89	104	3	42
Port Bickerton	149	1563	17	94
Merland	206	666	10	88
Auld's Cove	192	836	19	35

ST. MARY.				
School for Deaf			250	00
School for Blind			125	00
Sherbrooke	609	15505	154	33
Stillwater	195	3123	39	86
Glenelg	201	5355	41	79
Caledonia	201	1060	29	89
Aspen	201	3050	40	21
Ecum Secum	194	4460	46	67
Marie Joseph	172	2808	55	43
Liscomb	204	3932	45	15
Lr. Liscomb	153	1735	27	57

School for the Deaf			500	00
School for Blind			1262	50
Hubbards	399	7119	100	67
Black Point	202	8000	82	61
Ingram River	205	6891	74	92
St. James	204	4194	55	19
East River	190	2106	38	34
Head Harbor	205	2687	44	03
Victoria	200	4100	54	05
Albert	205	2357	42	08
Glen Margaret	197	3537	49	58
Hackett's Cove	196	5255	62	04
Indian Harbor	406	11201	131	35
West Dover	84	1935	24	26
East Dover	194	8000	31	63
Upper Prospect	205	6646	73	14
Terrence Bay	204	7495	79	17
Pennant	206	5407	64	26
Sambro	201½	4729	58	80
Spryfield	189	4186	53	33
Ketch Harbor	184½	3000	44	17
Portuquesse Cove	105	1252	21	29
Herring Cove	197	8000	32	00
Ferguson's Cove	201	4636	58	01
Cunard	198	2691	43	56
N. West Arm	205	10810	103	38
Rockingham	201	5720	65	94
Bedford	402	17843	178	36
Hammonds Plains	404	10983	128	78
Upper Sackville	193	1839	36	06
Lower Sackville	205	3053	47	05
Beaver Bank	191	3346	47	87
Windsor Junction	205	4215	55	49
Oakfield	155	3115	41	43
Oldham	205	4382	56	34
Fall River	205	3877	51	58
Waverley	200	7716	80	31

Montague	200½	2750	44	30
Dartmouth	5103	200915	2078	47
Wellington	156	4530	51	83
Eastern Passage	203	8000	82	73
Cow Bay	206	3055	47	19
Cole Harbor	204	4104	54	57
Preston Road	189½	3159	45	99
Mineville	95	376	14	25
W. Laurencetown	204	2525	43	10
E. Laurencetown	198	1949	38	17
Porter's Lake	179	1988	36	14
Graham	82	1176	18	49
Seaforth	174	4133	51	12
W. Chezzetcook	412	9460	118	70
Grand Desert	180	5258	60	03
Hd. Chezzetcook	201	5463	64	07
Hope Ridge	397	9699	118	61
Lr. E. Chezzetcook	175	2447	38	99
W. Petpeswick	201	1710	36	82
Musquodoboit H.	409	8918	114	41
Bayers Sett.	131	951	22	80
Stevens	89	1061	18	50
Ostrea Lake	167	3846	48	20
W. Jeddore	182	4460	54	47
Head Jeddore	206	6255	70	43
Woodside	602	24650	252	07

Poor Sections.

Bayside	167	2220	54	58
Shad Bay	112	1385	35	45
Brookside	33	213	8	31
African	197	4445	84	25
Kempton	98	1074	29	53
Lucasville	143	1285	40	02
N. Beaver Bank	125	1182	35	62
Grand Lake	206	2353	63	13
Goff's	182	3107	66	97
Devil's Island	206	2799	67	98
Lake Loon	188	3362	70	83
Partridge River	122	1977	43	72
Md. Porter's Lake	103	1022	29	86
Pleasant Point	176	1081	43	79
Woodlawn	199	4374	83	87

HALIFAX EAST.

Oyster Pond	206	9136	91	35
East Jeddore	206	4294	56	18
Clam Harbor	206	4760	59	57
Owls Head	206	5560	65	38
Lr. Ship Harbor	206	5409	64	28
N. Ship Harbor	206	6379	71	33
E. Ship Harbor	198	5385	63	13
Murphy's Cove	196	5581	64	42
Pleasant Harbor	206	4062	54	50
Tangier	206	8000	83	10
Mooseland	194	1941	37	63
Pope's Harbor	206	3930	53	54
Spry Harbor	204	4089	54	46
Spry Bay Henley	205	4722	59	17
Spry Bay Leslie	206	8475	50	24
Mushaboon	197	4723	58	20
W. Sheet Harbor	412	8180	109	41

E. Sheet Harbor	200	6488	71	39
Lewiston	201	1837	37	74
Watts	206	4723	59	30
Beaver Harbor	196	2503	42	06
Port Dufferin	412	10900	129	16
Quoddy	203	5264	62	86
Harrigan Cove	205	5265	63	11
Moser River	407	8525	111	30
Smith's Cove	205	4873	60	27
Ecum Secum	204	3812	52	44

Poor Sections.

Up. Lakeville	206	2258	62	10
Lr. Lakeville	189½	2041	56	71
Lochaber Mines	123	1132	34	70
Sober Island	179	4099	77	29
Sheet Har. Pass.	192	2819	65	64

HALIFAX RURAL.

Dutch Sett.	198	4980	60	19
Landell's	203	3756	51	91
Cook's Brook	204	3572	50	70
Lake Egmont	206	2836	45	60
Meagher's Grant	171	2976	42	34
Sibley	206	3516	50	53
Elderbank	405	3479	74	42
South	193	3610	49	63
North	103	8361	109	63
Chaswood	205	4836	60	00
Glenmore	204	3299	48	72
Brookvale	204	2632	43	87
Higginsville	204	2371	41	98
Sedgewick	204	3587	50	81
Greenwood	198	3376	48	54
Hutchinson	204	3820	52	50
Henry	203	4688	58	65
Dean	206	2698	44	59
Chaplin	203	3120	47	30
Caribou Mines	206	4001	54	06
Moose River	206	4662	58	81

Poor Section.

McKenzie	206	4188	83	07
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Border Sections.

Enfield	201	499	5	52
Elmsdale	402	1164	15	26
Mt. Pleasant	403	1527	24	20

HANTS EAST.

School for Blind			250	00
School for Deaf			375	00
Rawdon Church	206	3945	42	75
South Rawdon	204	2109	34	26
Pleasant Valley	197	2378	34	61
West Gore	406	8614	88	02
East Gore]	206	3093	38	92

Upper Rawdon	206	5277	48	75	Falmouth Village	202	4487	51	22
Mt. Uniacke	196	2963	37	12	Falmouth Center	406	10714	113	06
Up. Nine Mile R.	205	5845	51	18	Mt. Denson	206	4904	54	22
West Ind. Road	206	2385	35	73	Hantsport	320	26279	255	65
East Indian Road	190	3160	37	29	Avondale	410	8113	97	94
Lr. Nine Mile R.	206	2969	38	37	Belmont	206	4996	54	75
Balnan	206	2819	37	70	Poplar Grove	202	5694	58	42
Hardwood Land	205	1860	33	25	Brooklyn	400	6950	89	93
Shubenacadie	411	17440	128	36	Kennet. Dyke	204	1897	36	04
Mill Village	205	5354	48	98	Ken. Burlington	412	7734	96	05
North Salem	206	4591	45	65	Summersville	412	12299	123	25
Rhines Creek	206	1943	33	75	Cheverie	404	6751	89	22
Urbania	201	4326	43	86	Brookville	605	11388	140	82
Rockville	412	10088	95	40	Cambridge	203	4269	50	04
Maitland	402	7709	83	48	Pembroke	206	3100	42	46
East Noel Road	206	3383	40	23	Cogmagun	192	2090	35	71
Selmah	412	7964	85	84	Scotch Vill.	200	5568	57	41
Lower Selmah	206	4830	46	73	Woodville	206	3455	44	56
Noel Shore	206	3914	44	60	Mackay's	206	4463	51	57
East Noel	194	4838	45	32	Newport Rd.	206	6721	65	05
Noel	410	8832	89	50	St. Croix	409	11189	116	27
Burncoat	205	1648	32	30	Ellershouse	412	12846	126	51
Moosebrook	201	6511	53	70	Riverside	206	1816	35	78
Tenecape	206	3605	41	23	Union	194	3237	41	78
South Noel Road	206	6229	53	04	Falmouth Val.	205	4618	52	37
Kennetcook Ch.	206	7406	58	33	Sweet's Cor.	204	8000	72	48
Northfield	206	4746	46	36					
Hd. Kennetcook	206	5496	49	73					
Five Mile River	200	3908	41	85					
Georgefield	206	1959	33	82					
Whale Creek	206	2092	34	41					
Gore	206	2351	35	57					

Poor Sections.

Birch Brook	203½	3469	60	47
East Uniacke	48	296	10	73
Renfrew	103	501	22	13
New Dublin	206	2147	52	00
North Noel Road	206	5061	71	66
Milford	150	2997	47	51
Greenfield	204	1631	43	16
Uniacke Mines	192½	1426	44	70
East Tenecape	205	3129	58	44
Grand Lake	206	1932	50	54

Border Sections.

Newport Douglas	205	1556	15	42
Enfield	206	3374	36	96
Elmsdale	411	7173	75	26
Mt. Pleasant	410	7244	74	84
Walton	406	8133	76	59
Hillsvale	206	2076	41	72

HANTS WEST.

School for the Blind		225	00	
School for the Deaf		125	00	
Windsor	2533	94744	877	97
Wentworth	206	7760	71	24
3 Mile Plains	396	8728	100	03
Martock	205	4615	52	35
orks	201	7375	68	30

Poor Sections.

Vaughan's	199	2540	58	87
So. Waterville	122	1464	35	25
Greenhill	175	1546	45	52
Ardoise	206	1834	53	86
Five Mile Plains	180	5932	87	92
Mt. Summersville	70	491	17	10
Mills	205	2046	55	57
West Branch	153	478	32	08

Border Sections.

*Leminster	157	802	35	65
Newport Douglas	199	3060	32	22
Walton	392	1963	20	93
*Hillsvale	199	735	15	98
*Half Way River	190	120	4	40

INVERNESS SOUTH.

Hawkesbury	823	23226	266	17
Hastings	412	10464	124	92
Troy	206	1548	36	08
Albion	198	5256	61	67
Lorne	206	4386	56	38
Judique	206	4432	56	72
Judique Intervale	202	2834	44	81
Hillsdale	50	345	8	52
Little Judique	174	2594	39	67
Dumbarton	192	2782	43	21
Seaside	198	7341	78	60
Port Hood	1024	25250	805	07
Port Hood Inld.	204	1368	34	56
Rear Judique	205	3683	51	25
Little Mabou	203	1573	35	90
W. Mabou Har.	191	3324	46	97

Baden	206	3470	49	84	Pleasant Bay	192	3959	51	65
Glencoe Stn.	205	4195	54	92	Little River	206	7342	77	56
Mabou	605	10544	148	94	Muise	206	7573	79	22
N. E. Mabou	205	3864	52	55	Prairie	206	8000	82	28
Mabou Harbor	192	3472	48	15	Cheticamp Chapel	206	8000	82	28
Mabou Mines	190	2505	41	00	Eastern Harbor	366	19394	183	28
Alexander	202	1465	35	01	Eastern Harbor (Con.)			25	00
Smithville	206	4453	56	88	Plateau	204	7147	75	92
Hillsboro	198	1640	35	79	LeFort	206	8000	82	28
Brook Village	206	4533	57	45	LeBlanc	206	8000	82	28
Mull River, Return			32	90	Ruisseau du Lac	192	8000	82	28
Eden	192	2628	42	12	Grand Etang	206	6637	72	52
Glencoe	191	2676	42	35	Friars Head	205	8000	82	15
S. W. Ridge	203	2367	41	59	White	205	5025	60	85
River Dennis Rd.	153	1528	29	51	Belle Cote	412	8796	112	98
Queensville	198	3037	45	78	Jacob	206	6943	74	71
N. W. Arm	189	1393	32	90	Ford	206	4490	57	14
Princeville	192	3869	51	00	Margaree Forks	412	8550	111	21
Kingsville	206	2532	43	12	Rossville	206	3176	47	74
Glendale	201	4964	59	94	Mill Brook	206	2023	39	48
Melford	184	1960	36	36	Munro	193	2109	38	52
MacPherson	191	2432	40	58	Big Intervale	174½	1965	35	24
Mill Brook	201	2772	44	24	Margaree Harbor	205	6222	69	42
Caribou	197	3083	46	00	Chimney Corner	206	1754	37	56
Portage	192	1232	32	11	St. Rose	206	2829	45	25
Orangedale	203	4123	54	15	Broad C. Marsh	206	5938	67	51
Seal Cove	187	1062	30	30	Brook	192	4426	54	99
Valley Mills	180	1387	31	78	Broad C. Chapel	206	5614	65	20
McLean's Bridge	206	5401	63	67	Big River	206	5239	62	51
Church	122	1758	27	40	Inverness	2874	94638	1026	40
S. S. Riv. Dennis	127	588	19	77	Broad Cove Banks	205	2723	44	37
Little Harbor	204	1266	33	82	Strathlorne	203	4532	57	11
Marble Mountain	604	12415	162	68	Glenville	199	2973	45	44
Ross Mills	206	871	31	25	North Ainslie	190½	1398	33	12
West Bay Road	206	2285	41	35	Capt. Allans	201	7029	74	72
					McFarlane's	206	4585	57	83
					Scotsville	205	4290	55	59
					Hamilton	186	4300	53	36
					MacMillan Mills	129	2023	30	13
					Tulloch	206	2976	46	31
					Hays River	192	1273	32	41
					Centreville	182	1306	31	43
					Skye Glen	201	4149	54	10
					Roseburn	202	2101	39	55
					Stewartdale	187	905	29	16
					Whycocomagh	205	5328	63	02
					South Lake	95	1385	21	44
					South Lake (1916)	126	2113	30	42
					Aberdeen	206	1743	37	48
					Aberdeen (Con.)			25	00
					Widow Lords	206	2872	45	56
					Kenlock	204	1787	37	54
					Verniere	206	8000	82	28

Poor Sections.

Creignish	206	3080	62	82
Craigmore	192	3524	64	70
Dunmore	204	2980	61	44
U. S. W. Mabou	204	1449	52	38
Centennial	171	2273	49	34
Maple Ridge	195	2994	60	14
Lake Horton	179	763	36	21
Gladstone	140	544	27	78
Big Brook	97	582	21	10
Skye Mountain	186	873	38	43
Maple Hills	169	1118	37	99
Ashfield	199	1905	50	40
Rhodena	127	763	27	81
Victoria	206	3718	68	82
Big Har. Isld.	185	569	35	38

Border Sections.

Duff	96	156	4	32
West Bay	199	1822	35	76
Cleveland	201	2649	32	10

Poor Sections.

Cape Rouge	206	3045	62	40
Sight Point	189	910	39	26
Sight Point (1916)	93	448	19	18
Walker	177	2048	48	19
Miller	85	358	17	16
Whycocomagh Mt	206	1006	42	93
S. W. Egypt	188	880	38	81
Killarilty	192	709	37	83
Glenmore	192	1034	40	93
North Highlands	192	2374	53	70

INVERNESS NORTH.

School for Deaf	625	00
School for Blind	250	00

KINGS.			Hants Border						
School for Blind		375	00	206	4000	46	60		
School for Deaf		375	00	Billtown	205	1821	34	69	
Greenwood	205	4767	50	60	Highbury	206	3891	46	00
Harmony	195	3494	42	49	Kingsport	204	4044	46	58
Nicholsville	197	2299	36	28	Windermere	206	3421	43	46
Millville	184	3590	41	63	Aylesford	407	5770	80	51
Morristown	198	5050	51	27	<b>Poor Sections.</b>				
Sand Hill	206	1854	35	01	Lake George	29	135	6	30
Dempsey Cor.	410	8380	94	98	Clermont	197	894	43	05
Brooklyn (a)	205	2930	40	69	Morden	206	4043	70	23
St. Mary's	201	7569	65	24	Fair View	189	1145	43	57
Piedmont	408	8844	97	24	Long Point	199	1972	52	15
Ormsby Road	194	1297	30	50	Lake View	206	938	45	09
Weston	411	7206	88	76	E. Black Rock	157	2941	52	31
Welsford	206	5961	56	90	Chipman Br.	192	3004	59	22
Somerset	410	7826	91	98	W. Hall's Harb.	201	3471	64	66
Berwick	824	21256	214	72	Blue Mts.	200	4482	72	66
So. Berwick	410	10364	105	69	Baxter's Har. Mt	206	4020	70	05
Waterville	405	14159	125	57	Baxter's Harb.	170	3031	55	38
Grafton	205	5016	51	95	Pereau Mt.	188	2643	55	51
Woodville	407	6648	85	26	Scott's Bay Rd.	206	3536	66	13
Harborville	205	2441	38	04	Davison St	133	1603	37	16
E. Hall's Harb.	204	5581	54	88	Greenfield	183	2399	52	60
Lakeville	412	4758	75	66	Prospect	191	1597	47	60
Northville	206	1634	33	82	Pine Woods	191	2904	58	21
Brooklyn (c)	206	2650	39	31	Woodlawn	206	1269	51	01
Cambridge	412	4417	73	81	Up. Gaspereau	201	2286	55	08
Coldbrook	206	5706	55	81	North River	205	2121	54	51
North Alton	206	4136	47	33	Pleas. View	187	1338	47	72
Lake Mills	151	1405	25	87	Lake Paul	136	1408	56	13
Canaan	198	4851	50	19	White Waters	191	2221	52	66
Kentville	2329	76118	690	51	Aylesford Mt.	180	2210	50	53
Steam Mill	206	3100	41	74	Garland	125	837	29	51
Centreville	206	6554	60	39	W. Brooklyn	180	3400	60	18
Sheff Mills	405	6864	86	18	S. Waterville	205	1645	50	65
Scott's Bay	409	6079	82	42	<b>Border Sections.</b>				
Lr. Pereaux	206	5313	53	68	Kingston Village	206	4613	47	50
Pereaux	205	5752	55	92	Dalhousie	201	3441	42	95
Medford	205	6139	58	01	Half Way River	190	1094	39	01
Habitant	201	3328	42	34	Aldersville	199	387	6	95
Canning	805	25633	235	01	Dalhousie E.	205	2540	32	18
Woodside	205	1876	34	99	<b>LUNENBURG.</b>				
Up. Canard	370	5094	71	90	School for Blind			375	00
Lr. Canard	408	5279	77	98	School for Deaf			125	00
Church St.	204	2663	39	12	Lunenburg	2835	96745	969	76
Up. Church St.	206	3408	43	40	First Peninsula	206	5392	59	87
Pt. Williams	407	9214	99	11	Second Peninsula	206	2863	43	51
New Minas	201	2959	40	35	Centre	206	4160	51	90
Greenwich	206	5001	52	00	Garden Lots	206	5673	61	69
Wolfville	1362	55104	460	51	Blue Rocks	410	9390	110	47
Black River	197	3597	43	29	Black Rocks	206	4032	51	07
Gaspereau	406	7585	90	19	First South	412	7332	47	41
Lr. Gaspereau	206	4119	47	23	Middle South	206	4107	51	56
Lr. Wolfville	204	2876	40	27	Feltzen South	206	5255	58	98
Avonport	205	4648	49	96	Rose Bay Upper	410	9608	111	88
Lockhartville	206	4539	49	50	Rose Bay Lower	204	5120	57	86
N. Grand Pre	205	1830	34	75	Kingsburg Upper	205	2278	39	61
Bloomfield	412	7783	91	98	Kingsburg Lower	205	3445	47	16
Grand Pre	412	9722	102	46					
Delhaven	206	1191	91	42					
W. Black Rock	204	2221	36	73					
Tremont	167	2348	32	87					
White Rock	206	5191	53	02					
Rockland	205	2063	36	00					





Poor Sections.				Poor Sections.			
Sherwood	182	712	39 08	Bay View	206	2371	40 00
Norwood	192	4467	72 36	Three Brooks	193	1725	34 33
Chester Grant	206	910	45 12	Pictou Island	200	3883	48 82
Germantown	117	1030	29 92	Waterside	205	2051	37 85
Leville	195	1692	49 63				
Beech Hill	204	2186	55 45				
Lewiston	201	2330	56 14				
Border Sections.							
Aldersville	199	3253	59 64	Poplar Hill	206	3089	66 79
				East Branch R J	206	1447	51 22
				Loganville	205	2437	60 42
				Sylvester	200	754	43 55
				Sundridge	155	1600	43 38
				Caribou Island	206	1856	55 11

## PICTOU WEST.

School for Deaf		500	00
School for Blind		475	00
Bailey's Brook (Con.)		25	00
Lovat (Con.)		25	00
Pictou	2425	97330	909 79
Caribou River	204	2319	59 43
Toney River	205	4347	52 37
Seafoam	206	2430	40 37
Melville	206	787	29 98
Cape John	206	2504	40 84
Hedgeville	204	3280	45 49
Marshville	182	2304	36 78
Louisville	204	2462	40 33
Mountain Road	205	2280	39 30
River John	604	14300	163 74
Hodson	206	1350	33 54
Bigney	187	2690	39 70
Welsford	198	1452	33 21
West Branch R. J.	203	3402	46 15
Diamond	205	942	30 83
Millsville	205	2138	38 40
Elmfield	187	438	25 46
Plainfield	186	2486	38 30
Meadowville	206	3257	45 59
Scotsburn	196	1763	34 93
Heathbell	205	2443	40 33
Cross Roads	205	2841	42 84
Rogers Hill Centre	206	2292	39 49
Six Mile Brook	191	1368	31 83
Brookland	201	1547	34 16
Salt Springs	189	4424	50 90
Up. Mt. Thom	196	1217	31 47
Lr. Mt. Thom	201	2546	40 49
Watervale	206	2428	40 36
West River Stn.	114	1547	23 60
New Gairloch	200	1415	33 21
Lansdowne	202	1970	36 97
Mill Brook	206	1705	35 78
Loch Broom	138	675	21 01
Pleasant Valley	187	1593	32 76
Green Hill	201	3085	43 89
Lime Rock	189	1226	30 68
West River	170	1874	32 48
Durham	205	4316	52 17
Lyon's Prook	412	6747	92 67
Scotch Hill	206	2120	38 41
Pictou Landing	202	6036	62 69
Central Carrihou	206	3726	48 56

## PICTOU EAST.

New Glasgow	5232	211616	1973 20
Alma	204	2539	40 81
Union Centre	205	3034	44 07
White Hill	180	1110	28 97
Marshdale	70	228	9 94
Glengarry	206	1613	35 19
Lorne	206	4809	55 41
Hopewell	405	8983	105 95
Riverton	206	3736	48 63
Fox Brook	205	2548	40 99
Island	206	1195	32 55
Stellaraton	2665	125703	1118 37
Priestville	204	4303	51 97
Springville	204	1754	35 85
Bridgeville	205	4745	54 88
Glencoe	205	2813	42 67
Sunny Brae	200	8000	74 86
Glenfall	206	8000	75 59
Blue Mountain	206	3789	48 97
Garden of Eden	195	2268	38 00
East R. St. Marys	206	2191	38 85
Elgin	206	2231	39 11
MacPherson's M.	206	3732	48 60
Greenwood	201	6118	63 07
MacLellan's Bk.	205	4833	55 44
Linacy	197	3161	43 89
Churchville	206	3270	45 67
Trenton	1430	56008	528 14
Abercrombie	206	2170	38 72
Fraser's Mtn.	176	822	26 68
King's Head	205	2253	39 13
Pine Tree	205	2500	40 69
Sutherland's Rv.	205	2232	38 99
W. Merigomish	206	3498	47 12
Merigomish	184	3016	41 39
Piedmont	198	2453	39 54
Avondale	205	3084	44 38
Lr. Barney's Rv.	200	4623	53 50
Lismore	200	3500	46 40
Big Island	205	2765	42 37
Laggan	205	2136	38 39
Kenzieville	197	2006	36 60
Broadway	159	1953	31 64
French River	204	1857	36 50
New Lairg	206	2039	37 90
Meiklefield	190	1615	33 26
Little Harbour	206	1809	36 44
Rocklin	206	3688	48 32

Plymouth	206	3365	46	27
Up. Hopewell	195	4115	49	67
Telford	102	538	15	78
Barney's R. Stn.	206	1767	36	17
Westville	3259	154897	1375	07
Granton	109	592	16	97
Mt. William	206	1431	34	05
Thorburn	796	25944	255	81
Centredale	187	1370	31	35
Eureka	407	14757	142	71

Poor Sections.

Blanchard	206	1946	55	95
Moose River	206	1525	51	96
Rocky Mtn.	162	929	38	29
Kirkmount	200	1416	49	83
Brookville	206	882	45	86
Chance Harbor	206	2300	59	31
Marshy Hope	206	2512	61	33
Marsh	179	785	40	56
Rossfield	123	400	27	09
Woodfield	204	1718	53	44
Mount Adam	94	670	23	45

Special Poor Sections.

Greenvale	191	1106	45	25
Birch Brook	151	976	36	73
Green's Brook	167	875	38	67

Border Sections.

Bailey's Brook	202	4402	52	35
Newtown	190	163	1	03

QUEENS SOUTH.

School for Deaf			125	00
Port Joli	206	3548	46	85
Port Mouton Cen	206	6096	62	54
Port Mouton, N.	204	6479	64	65
Hunt's Point	206	4347	51	77
Western Head	206	2583	40	91
Moose Harbor	205	2858	42	47
Liverpool	2017	65150	646	21
Milton	1195	32417	344	81
Brooklyn	618	15055	167	73
Beach Meadows	206	7014	68	21
Eagle Head	206	4438	52	33
West Berlin	206	3042	43	73
Port Medway	412	11958	123	65
E. P. Medway	206	5012	55	88
Mill Village	618	20545	201	55
White Point	172	1957	32	90
Summerville	205	2553	40	61
S. W. P. Mouton	160	4604	47	75

Poor Sections.

St. Catherine Rv.	206	1400	50	43
E. P. L'Hebert	205	3750	71	96
Denmark	190	1880	51	91

QUEENS NORTH.

Pleasant River	198	5756	59	46
N. Brookfield	510	8380	113	46
Westfield	148	2391	32	68
Kempt	204	4720	53	82
W. Caledonia	193	2733	40	23
Cent. Caledonia	200	2718	41	00
Harmony	204	3820	48	27
Caledonia Corner	380	9760	106	24
S. Brookfield	205	7000	68	00
Greenfield	206	4881	55	06
Buckfield	206	1688	35	39

Poor Sections.

Whiteburne	204	1285	48	98
Hibernia	182	1493	46	88
Middledale	205	5098	65	92
LaBelle	205	2327	58	82
Bang's Falls	178	2391	54	46
Molega	137	2497	47	96

Border Sections.

New Grafton	205	2857	36	42
Northfield	191	1529	48	87
Northfield (1916)	170	1427	42	49

RICHMOND.

School for the Blind			500	00
School for the Deaf			125	00
Acadiaville	618	14919	172	49
Port Royal	206	7522	73	65
Arichat	819	22044	243	93
Poulamond	412	10487	118	25
D'Escousse	617	13778	164	83
Poirierville	206	5590	61	90
Cape La Ronde	206	3278	46	63
Rocky Bay	206	1394	34	20
Pondville	206	3155	45	82
Petit de Grat	206	8000	76	82
P. de Grat, South	206	5245	59	62
Orange	205	2510	41	45
Cape Auguet	208	6164	65	93
Little Anse	206	7148	72	18
Louisdale	412	10107	116	73
Whiteside	206	2837	43	73
Walkerville	189	4049	49	68
Richmond Mines	194	3876	49	23
Port Richmond	206	2405	40	87
Port Malcolm	171	2203	35	29
Sunnyside	201	2581	41	44
Point Tupper	412	9061	108	82
Grantville	206	3720	49	55
St. George's Ch.	192	1317	32	00
Lakeside	190	2996	42	83
Macdougall	618	14518	169	85
River Bourgeois	412	10916	122	07
Cannes	412	8265	104	56
Salmon River	206	2387	40	76
Soldier's Cove	206	2392	40	79
Red Islands	181	2181	36	86

Peter's Mountain	206	2368	40	62	Sandy Point	206	5878	50	63
Loch Lomond	158	1477	24	07	Shelburne	1392	44577	363	35
Fourche	204	3280	46	41	Lr. Ohio	206	5448	48	75
Framboise	206	4400	54	05	Up. Ohio	199	1155	29	19
Intervale	187	2286	37	79	Up. Clyde	76	740	12	44
L'Archeveque	201	3400	46	84	Port Saxon	205	2762	36	90
Grand River	206	4440	54	31	N. E. Harbor	206	2614	36	39
Grand Falls	186	2549	39	40	Black Point	206	4923	46	47
Point Micheau	191	1730	34	60	Roseway	206	3506	40	29
L'Ardoise High.	206	1748	36	54	Gunning Cove	206	6643	53	97
Brymer	201	2989	44	12	Churchover	203	2059	33	61
L'Ardoise	201	2989	120	64	Birchtown	197	3602	39	59
W. L'Ardoise	412	8608	106	83					
Rockdale	192	3741	47	99					
Grand Greve	206	3507	48	15					

**Poor Sections.**

Lochside	206	3037	60	06
Janorin's Island	194	2488	53	29
Martinique	197	2343	52	49
Kempt Road	187	2439	51	73
Brae	182	1575	60	73
Seaview	190	1613	44	93
Oban	103	350	19	75
The Points	206	1735	48	59
Roberta	206	1972	50	63
Cape George	192	710	37	30
Lynch's River	184	2647	53	01
Macnab	193	1340	42	90
Loch Lomond N.	192	1008	39	92
Cape Breton	292	3017	73	80
St. Esprit	185	949	38	23
Lewis Cove Road	206	1507	46	60

**Border Sections.**

Cleveland	201	2260	26	17
Irish Cove	206	1560	21	89
Duff	96	410	11	15
West Bay	199	116	2	21

**SHELburne.**

School for the Deaf			125	00
School for the Blind			250	00
Sable River	205	6182	51	83
Louis Head	206	3017	38	15
Little Harbor	206	4682	45	41
Matt. Point	206	2105	34	18
Rockland	206	5121	47	34
Allendale	199	3504	39	43
Osborne	200	3717	40	47
Lockeport	995	27164	239	23
West Head	197	3252	38	08
E. Green Harbor	205	3306	39	28
W. Green Harbor	204	6679	53	88
East Jordan	205	3988	42	25
Jordan Falls	404	7229	80	55
Up. W. Jordan	204	1957	33	28
Jord. Ferry	206	4303	43	77
Jord. Bay	200	4362	43	29
Lr. Sandy Point	148	3542	33	40

**Poor Sections.**

Big P. L'Hebert	104	657	23	22
Lt. P. L'Hebert	206	3058	57	59
East Sable	206	4032	63	88
West Sable	201	2739	54	49
Mid. Ohio	191	460	37	86
McNutt's Island	192	1755	46	42

**Border Section.**

Clyde River	411	4753	56	14
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**BARRINGTON.**

Port Clyde	195	4066	51	35
Cape Negro	206	3060	45	97
Blanche	195	1095	31	16
Up. Port LaTour	206	5318	61	43
Port LaTour	410	7859	103	59
Baccaro	412	8709	109	68
Hibbert's Brook	206	4100	53	10
Barrington	395	8931	108	50
Barr. Passage	401	8351	105	87
Doctor's Cove	196	3950	50	86
Bear Point	206	5061	59	67
Shag Harbor	389	10733	120	75
Woods Harbor	808	23096	256	30
Up. W. Harbor	206	6485	69	44
Forbes Point	203	4042	52	32
Charlesville	206	3753	50	72
Centerville	206	6408	68	90
Newellton	412	11292	127	37
Clarks' Harbor	1201	34487	382	05
Hawk Point	206	6287	68	08
South Side	340	7234	90	78
Stony Island	397	11119	124	86

**Poor Sections.**

Hamilton	201	1230	49	23
Cape Neg. Is'd.	190	2539	61	23
Villagedale	205	1663	54	43
Oak Park	191	2032	55	66

**Border Section.**

Clyde River	411	1941	27	76
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VICTORIA.

Institution for Deaf	125	00	
Refund, St. Columba Sec. No. 19	40	50	
Rd., New Harris W. Sec. No. 68	40	00	
Baddeck	795½	17100	327 19
Red Head	205	3084	73 93
Nyanza	206	3157	74 76
Baddeck Bridge	203	2673	70 22
Baddeck Forks	206	2992	73 47
Baddeck Center	204	2243	67 09
Hunter's Mtn.	206	2198	67 24
W. Md. River	203	3238	74 65
Church	205	2896	72 46
McLennan's	206	1586	62 44
Up. Md. River	204	2245	67 11
St. Patrick's Ch.	131	937	39 15
Bucklaw	172½	994	49 65
Little Narrows	187	1435	56 63
Grant	163	780	45 66
Lr. Washabuck	206	4909	88 50
Gillis Point	142	2802	56 44
Iona	206	5192	90 73
Barra Glen	173	2129	58 70
McKinnon's Har.	206	5371	92 13
Estmere	206	3690	78 93
Baddeck Bay	204	1853	64 03
Plaister Mines	206	1120	58 78
Big Hill	184	1773	58 57
South Gut	201	2701	69 97
Englishtown	201	4295	82 46
Eel Cove	206	2647	70 76
Indian Brook	167	1731	54 10
Plaister	161	1736	52 68
French River	204	5000	89 02
Wreck Cove	206	4035	81 64
North Smokey	205	3200	74 84
South Ingonish	206	7632	109 86
Clyburn Brook	202	5219	89 96
W. Ingonish (1916)	72	825	23 93
East Ingonish	203	3892	79 79
Neils Harbor	391	10162	174 18
Neils Har. (1916)	44	1517	22 58
South Harbor	162	3598	67 54
Middle Ridge	168	1824	55 07
Dingwall	183	3792	74 16
Sugar Loaf	176	3628	71 16
Tarbot	201	3964	79 87
North River	206	6868	103 87
Goose Cove	205	4554	85 45
North Gut	34	359	11 05
Cape Dauphin	206	3538	77 75
Cape Bras d'Or	192	4048	78 35
Boulardarie East	201	2243	66 38
Boulardarie C.	206	2728	71 40
Munro	180	1458	55 12
Kempt Head	206	3574	78 03
Kempt Head (Con.)			25 00
Island Point	188	1647	58 55
Gairloch Mount.	192	1946	61 86

Poor Sections.

Narrows Village	206	975	76 86
Up. Washabuck	192	3641	100 20
18			

St. Columba	206	1162	78 81
New Harris	192	1935	82 35
Jubilee	195	1777	81 70
Cains Mountain	183	1380	73 69
Big Harbor	199	1226	77 22

YARMOUTH.

School for Deaf			250 00
School for Blind			250 00
Arcadia	406	10460	106 57
Can. Chebogue	206	2843	40 58
Rockville	407	8180	94 21
Sand Beach	204	3289	42 89
Yarmouth	6877	211832	1995 07
Overton	206	3982	46 82
S. Chegoggin	199	2801	39 50
Pembroke	206	5533	55 31
N. Chegoggin	205	4336	48 57
Sandford	206	6821	62 86
P. Maitland	612	16640	165 43
Richmond	204	4582	49 85
Norwood	205	1636	33 83
Bloomfield	188	2004	33 79
Brenton	206	4035	47 10
Ohio	412	10070	105 16
Wellington	199	3461	43 11
Hebron	412	9057	99 62
Dayton	205	3465	43 86
Brooklyn	402	8457	95 11
Raynardton	205	2478	38 44
West Kempt	205	4288	48 36
Carleton	412	8621	97 23
Pleas. Valley	206	2448	38 41
Deerfield	205	2794	40 17

Poor Sections.

Pinkney's Ptv.	205	6692	92 30
Cape Forchu	152	4360	63 48
Greenville	182	947	40 90
Somerville	192	2049	51 75
Canaan	192	3104	60 47
Forest Glen	196	3034	60 60

Border Sections.

Melbourne	206	7884	65 18
Pleas. Lake	206	3857	40 88
N. Kempt	203	4538	42 83
Lake Annis	185	1911	29 17
Tusket	410	1832	15 01
Gavelton	181	1245	15 87
Beaver River	202	652	8 86

ARGYLE.

School for the Deaf			500 00
School for the Blind			250 00
Lr. E. Pubnico	396	7172	77 51
Mid. E. Pubnico	383	8300	80 56



(To be handed promptly on its receipt by the Secretary of every School Board to each Teacher employed within the School Section).

### LOCAL "NATURE" OBSERVATIONS.

(To be sent in to the Inspector with the Returns in February and July).

This sheet is provided for the purpose of aiding teachers to interest their pupils in observing the times of the regular procession of natural phenomena each season. First, it may help the teacher in doing some of the "Nature" lesson work of the Course of Study; Secondly, it may aid in procuring valuable information for the locality and province. Two copies are provided for each teacher who wishes to conduct such observations, one to be preserved as the property of the section for reference from year to year; the other to be sent in with the Return to the Inspector, who will transmit it to the Superintendent for examination and compilation.

What is desired is to have recorded in these forms, the dates of the first leafing, flowering and fruiting of plants and trees; the first appearance in the locality of birds migrating north in spring or south in autumn, etc. While the objects specified here are given so as to enable comparison to be made between the different sections of the Province, it is very desirable that other local phenomena of a similar kind be recorded. Every locality has a *flora, fauna, climate*, etc., more or less distinctly its own; and the more common trees, shrubs, plants, crops, etc., are those which will be most valuable from a local point of view in comparing the characteristics of a series of seasons.

Teachers will find it one of the most convenient means for the stimulation of pupils in observing all natural phenomena when going to and from the school, and some pupils radiate as far as two miles from the school room. The "nature study" under these conditions would thus be undertaken at the most convenient time, without encroaching on school hours; while on the other hand it will tend to break up the monotony of school travel, fill an idle or wearisome walk with interest, and be one of the most valuable forms of educational discipline. The eyes of a whole school daily passing over the school routes will let very little escape notice, especially if the first observer of each annually recurring phenomenon receives credit as the first observer of it for the year. The observations will be accurate, as the facts must be demonstrated by the most undoubted evidence, such as the bringing of the specimens to the school when possible or necessary.

To all observers the following most important, most essential principle of recording, is emphasized: Better *no date, no record*, than a *wrong one* or a *doubtful one*. Sports out of season due to very local conditions not common to at least a small field, should not be recorded except parenthetically. The date to be recorded for the purposes of compilation with those of other localities should be the *first* of the *many* of its kind following immediately after it. For instance, a butterfly emerging from its chrysalis in a sheltered cranny by a southern window in January would not be an indication of the general climate, but of the peculiarly heated nook in which the chrysalis was sheltered; nor would a flower in a semi-artificial, warm shelter, give the date required. When these sports out of season occur, they might also be recorded, but within a parenthesis to indicate the peculiarity of some of the conditions affecting their early appearance.

These schedules should be sent in to the Inspector with the school returns in July and February, containing the observations made during the Spring (January to June) and the Fall (July to December) respectively.

The new register has a page for a duplicate of such records. Remember to fill in carefully and distinctly the date, locality, and other blanks at the head of the schedule on the next page; for if either the date or the locality or the name of the responsible compiler should be omitted the whole paper is worthless and cannot be bound up for preservation in the volume of The Phenological Observations.

By the aid of the table given at the top of pages 3 and 4, the date, such as the 24th of May, for instance, can be readily and accurately converted into the annual date, "the 144th day of the year," by adding the day of the month given to the annual date of the last day of the preceding month (April in this case), thus  $24 + 120 = 144$ . The annual date can be briefly recorded, and it is the only kind of dating which can be conveniently averaged in phenological studies. When the compiler is quite certain that he or she can make the conversion without error, the day of the year instead of the day of the month will be preferred in the record.

PHENOLOGICAL OBSERVATIONS, CANADA.  
(1917 Schedule).

(For the months January to June 19 ; or the months July to December, 19 )  
 Province.....County.....District.....  
 Locality or School Section.....No.....

The estimated length and breadth of the locality within which the following observations were made.....X.....miles. Estimated distance from the sea coast.....miles. Estimated altitude above sea level.....feet. Slope or general exposure of the region.....  
 General character of the soil and surface.....  
 Proportion of forest and its character.....  
 Does the region include lowlands or intervalles?.....and if so name the main river or stream.....Or is it all substantially highlands?.....  
 Any other peculiarity tending to affect vegetation.....

The most central Post Office of the locality or region.....

Name and Address of the Teacher or other Compiler of the Observations responsible for their accuracy.

When First Seen.

When Becoming Common.

Nova Scotia Phenochroms.

(Wild Plants, etc.—Nomenclature as in "Spotton" or "Gray's Manual").

1. Alder (*Alnus incana*), catkin shedding pollen.....
2. Aspen (*Populus tremuloides*), shedding pollen.....
3. Mayflower (*Epigaea repens*), flowering.....
4. Field Horsetail (*Equisetum arvense*), shedding spores.....
5. Blood-root (*Sanguinaria Canadensis*), flowering.....
6. White Violet (*Viola blanda*), flowering.....
7. Blue Violet (*Viola palmata, cucullata*), flowering.....
8. Hepatica (*H. triloba* etc.), flowering.....
9. Red Maple (*Acer rubrum*), flower shedding pollen.....
10. Strawberry (*Fragaria Virginiana*), flowering.....
11. " " fruit ripe.....
12. Dandelion (*Taraxacum officinale*), flowering.....
13. Adder's Tongue Lily (*Erythronium Am.*), flowering.....
14. Gold Thread (*Coptis trifolia*), flowering.....
15. Spring Beauty (*Claytonia Caroliniana*), flowering.....
16. Ground Ivy (*Nepeta Glechoma*), flowering.....
17. Indian Pear (*Amelanchier Canadensis*), flowering.....
18. " " fruit ripe.....
19. Wild Red Cherry (*Prunus Pennsylvanica*), flowering.....
20. " " fruit ripe.....
21. Blueberry (*Vaccinium Can. and Penn.*), flowering.....
22. " " fruit ripe.....
23. Tall Buttercup (*Ranunculus acris*), flowering.....
24. Creeping Buttercup (*R. repens*), flowering.....
25. Painted Trillium (*T. erythrocarpum*), flowering.....
26. Rhodora (*Rhododendron Rhodora*), flowering.....
27. Pigeon Berry (*Cornus Canadensis*), florets opening.....



PHENOLOGICAL OBSERVATIONS:—(Continued).

Day of year corresponding to the last day of each month.							
Jan.	31	April	120	July	212	Oct.	304
Feb.	59	May	151	Aug.	243	Nov.	334
March	90	June	181	Sept.	273	Dec.	365

When First Seen.

When Becoming Common.

[For Leap years increase each number above except that for January, by 1]

- 28. Pigeon Berry (*Cornus Canadensis*), fruit ripe . . . . .
- 29. Star Flower (*Trientalis Americana*), flowering . . . . .
- 30. Clintonia (*Clintonia borealis*), flowering . . . . .
- 31. Marsh Calla (*Calla palustris*), flowering . . . . .
- 32. Lady's Slipper (*Cypripedium acaule*), flowering . . . . .
- 33. Blue-eyed Grass (*Sisyrinchium ang.*), flowering . . . . .
- 34. Twinflower (*Linnaea borealis*), flowering . . . . .
- 35. Pale Laurel (*Kalmia glauca*), flowering . . . . .
- 36. Lambkill (*Kalmia angustifolia*), flowering . . . . .
- 37. English Hawthorn (*Crataegus oxyacantha*), flowering . . . . .
- 38. Scarlet fruited Thorn (*Crataegus coccinea*), flowering . . . . .
- 39. Blue Flag (*Iris versicolor*), flowering . . . . .
- 40. Ox-Eye Daisy (*Chrysanthemum Leucanth.*), flowering . . . . .
- 41. Yellow Pond Lily (*Nuphar advena*), flowering . . . . .
- 42. Raspberry (*Rubus strigosus*), flowering . . . . .
- 43. " " fruit ripe . . . . .
- 44. Yellow Rattle (*Rhinanthus Crista-galli*), flowering . . . . .
- 45. High Blackberry (*Rubus villosus*), flowering . . . . .
- 46. " " fruit ripe . . . . .
- 47. Pitcher Plant (*Sarracenia purpurea*), flowering . . . . .
- 48. Heal-All (*Brunella vulgaris*), flowering . . . . .
- 49. Common Wild Rose (*Rosa lucida*), flowering . . . . .
- 50. Fall Dandelion (*Leontodon autumnale*), flowering . . . . .
- 51. Butter-and-Eggs (*Linaria vulgaris*), flowering . . . . .
- 52. Expanding leaves in spring make trees appear green  
(a) first tree, (b) leafing trees generally . . . . .

(Cultivated Plants, etc.)

- 53. Red Currant (*Ribes rubrum*), flowering . . . . .
- 54. " " fruit ripe . . . . .
- 55. Black Currant (*Ribes nigrum*), flowering . . . . .
- 56. " " fruit ripe . . . . .
- 57. Cherry (*Prunus Cerasus*), flowering . . . . .
- 58. " " fruit ripe . . . . .
- 59. Plum (*Prunus domestica*), flowering . . . . .
- 60. Apple (*Pyrus M<sup>c</sup>ius*), flowering . . . . .
- 61. Lilac (*Syringa vulgaris*), flowering . . . . .
- 62. White Clover (*Trifolium repens*), flowering . . . . .
- 63. Red Clover (*Trifolium pratense*), flowering . . . . .
- 64. Timothy (*Phleum pratense*), flowering . . . . .
- 65. Potato (*Solanum tuberosum*), flowering . . . . .

(Farming Operations, etc.)

- 66. Plowing begun . . . . .
- 67. Sowing begun . . . . .
- 68. Planting of Potatoes begun . . . . .

PHENOLOGICAL OBSERVATIONS—(Continued).

69. Shearing of Sheep.....		
70. Hay Cutting.....		
71. Grain Cutting.....		
72. Potato Digging.....		
(Meteorological Phenomena).		
	(a)	(b)
73. Opening of (a) Rivers, (b) Lakes without currents.....		
74. Last Snow (a) to whiten ground, (b) to fly in air.....		
75. Last Spring Frost (a) "hard" (b) "hoar".....		
76. Water in streams, rivers, etc (a) highest, (b) lowest.....		
77. First Autumn Frost, (a) "hoar" (b) "hard".....		
78. First Snow (a) to fly in air, (b) to whiten ground.....		
79. Closing of (a) Lakes without currents, (b) Rivers.....		
80. Number of Thunder Storms (with dates of each).....		

Day of year corresponding to the last day of each month.

Jan.	31	April	120	July	212	Oct.	304
Feb.	59	May	151	Aug.	243	Nov.	334
March	90	June	181	Sept.	273	Dec.	365

[For Leap years increase each number above except that for January, by 1]

Going North or coming in Spring

Going South or leaving in Fall.

Migratio of Birds, etc.)

81. Wild Duck migrating.....	
82. Wild Geese migrating.....	
88. Song Sparrow ( <i>Melospiza fasciata</i> ).....	
84. American Robin ( <i>Turdus migratorius</i> ).....	
85. Slate colored Snow Bird ( <i>Junco hiemalis</i> ).....	
86. Spotted Sand Piper ( <i>Actitis macularia</i> ).....	
87. Meadow Lark ( <i>Sturnella magna</i> ).....	
88. Kingfisher ( <i>Ceryle Alcyon</i> ).....	
89. Yellow Crowned Warbler ( <i>Dendroeca coronata</i> ).....	
90. Summer Yellow Bird ( <i>Dendroeca aestiva</i> ).....	
91. White Throated Sparrow ( <i>Zonotrichia alba</i> ).....	
92. Humming Bird ( <i>Trochilus Colubris</i> ).....	
93. King Bird ( <i>Tyrannus Carolinensis</i> ).....	
94. Bobolink ( <i>Dolichonyx oryzivorus</i> ).....	
95. American Gold Finch ( <i>Spinus tristis</i> ).....	
96. American Redstart ( <i>Setophaga ruticilla</i> ).....	
97. Cedar Waxwing ( <i>Ampelis cedrorum</i> ).....	
98. Night Hawk ( <i>Chordeiles Virginianus</i> ).....	
99. Piping of Frogs.....	
100. Appearance of Snakes.....	

(Other Observations or Remarks.)

- 101. *Senecio Jacobaea* (St. James Ragwort, cattle-kill); Is it found within the school sections: If so, to what extent? etc.
- 102. The Brown Tail Moth? etc.

## Phenological Schedules.

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It has been decided to have the schedules of observations henceforward sent in twice a year (with the semi-annual returns). This arrangement will enable the Education Department more easily to compile the information in periods of the *calendar year* so as to be more readily comparable with phenological observations in other countries, and with the voluminous meteorological statistics collected, compiled and published by the Dominion.

The schedule sent in at the end of the first half of the school year is intended to cover the time from the 1st of July to the end of December—thus completing the Calendar year.

The schedule sent in at the end of the school year in July is intended to cover the observations from the 1st of January to the end of June.

Where the same teacher is employed in the section during the *whole* calendar year, the schedule sent in during the first week of February is intended to cover the whole calendar year, from the 1st of January to the 31st of December. Such a schedule will be complete in itself for the whole calendar year, and the fact of its repeating the contents of the June schedule will be no inconvenience to the compilers, while it will reflect favorably on the teacher.

This course should be followed by a teacher new to the section, provided the previous teacher left the record on file or in the register. *Whenever the observations for the Calendar year can be given complete, there is an advantage in giving it Complete in the schedule sent in with the February returns.*

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A schedule without the half year or year which it covers being entered in the first line of the second page, or without the compiler's name and address must be rejected—no matter how good the observations may appear.

## PHENOLOGICAL OBSERVATIONS.

### List of Schools sending in Schedules of Local Observations for the Half Year ended June, 1917.

The teachers of Nova Scotia have already acquired a reputation beyond those of any other part of America for their voluntary devotion to and success in the cultivation of the observing faculties of the pupils under their charge. And our first line of biologists, a few widely known already in the world, has made its appearance.

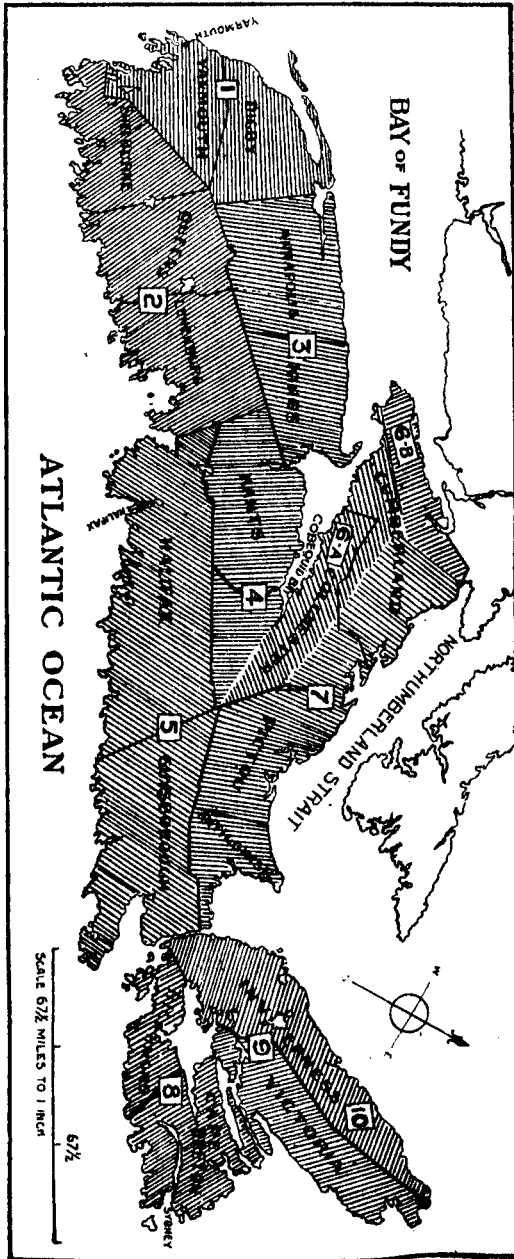
The three columns on the next page give respectively, (1) the names of the teachers, (2) the names of the school sections, and (3) the numbers of observations recorded.

The number of observations generally indicates the interest taken in the work by the respective schools. Even a few accurate observations are of value as scientific documents. Accurate and full schedules are not only more valuable from a scientific point of view, but indicate generally a strong educational interest in the study of Nature in the school.

The Province is divided into its main climate slopes or regions not always coterminous with the boundaries of counties. Slopes, especially those to the coast, are sub-divided into belts such as (a) the coast belt, (b) the low inland belt, and (c) the high inland belt, as below:—

No.	Regions or Slopes.	Belts.
I.	Yarmouth and Digby Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
II.	Shelburne, Queens & Lunenburg Cos.	" " "
III.	Annapolis and Kings Counties,	(a) Coast, (b) North Mt., (c) Annapolis Valley (d) Cornwallis Valley, (e) South Mt.
IV.	Hants and Colchester Counties,	(a) Coast, (b) Low Inlands, (c) High Inlands.
V.	Halifax and Guysboro Counties,	" " "
VI.A.	Cobequid Slope (to the south),	" " "
VI.B.	Chignecto Slope (to the n'west),	" " "
VII.	North'land Sts Slope (to the N'h),	" " "
VIII.	Richmond & Cape Breton Co's.,	" " "
IX.	Bras d'Or Slope (to the southe't),	" " "
X.	Inverness Slope (to Gulf, N.W.),	" " "

THE TEN PHENOLOGICAL REGIONS OF NOVA SCOTIA.



## REGION I.

## Yarmouth and Digby Counties.

## (a) Coast.

Hubert S. Thurston	Pt. Maitland	92
Martha Pothier	L. Wedgeport	124
M. C. Smith	Argyle Sound	33
Annie L. Ricker	Glenwood	65
Bessie V. Jones	Argyle	96
Dorothy M. Moses	South Ohio	42
I. B. Campbell	Bay View	69
Melda G. Tibert	Freeport	68
Laura F. D'Eon	Salmon River	104

## (b) Low Inland.

Maria I. G. Purney	Cedar Lake	342
Mary Elsie Thimot	Lt. Brook St.	102
Agnes Moses and Josie L. Treffy	Brooklyn	124

## (c) High Inland.

Marie L. Robichaud	Hectanooga	112
Edna I. Marshall	S. Range W.	105
L. Gertrude Cam- eron	Havelock	119
Ethel V. DeForest	Morganville	92
Elaine W. Reeves	C. Kemptville	65

## REGION II.

Shelburne, Queens and Lunenburg  
Counties.

## (a) Coast.

Mildred Corkum	Rosebay	47
Leda B. Cox	Pleasantville	83
Lulu G. Cook	East Dublin	57
A. M. Veinott and R. I. Kedy	Mahone	116
Irene Andrews	Oakland	35
Minnie Wamback	Broad Cove	100
Nora E. Backman	L. Second Peninsula	93
Isabel C. Hirtle	U. Kingsburg	132
Oressa Ernst	Mader's Cove	148
Minnie Eugenia De- Long	L. Rose Bay	81
Helen Zwicker	Martin's Riv.	84
Grace V. Conrad	S. Gold Riv.	82
Ruby A. Kaulbach	First South	90
Florence L. Silver	Summerside	83
Laura P. Richards	Pentz	57
Emma M. Harlow	East Port L'Hebert	91

Cora Baker	Bush's Isl.	47
Florence I. Awalt	Gold River	68
Greta Helen Shupe	St. Cath- erine's Rv.	39
Frances Viola Ger- hardt	Western Hd.	111
Bertha A. Kempton	Milton	44
Elizabeth Cooper	Beach Mead.	25
Gertrude Cooper	East Port Medway	41
Zella M. Wharton	C. Port Mouton	80
Effie G. Mozar	White Point	78
Jessie B. M. Brooks	Hunt's Point	91
Hattie E. Latham	Port Joli	157
Mrs. L. I. Nickerson	Port LaTour	130
Mysie M. Gardner	Cape Negro	69
Hattie B. Crouse	Rockland	76
Ida Victoria Hogan	East Jordan	55
Geraldine R. Mac- Kay	Little Port L'Hebert	63
Lenora G. Hagan	Hawk Point	37
Minnie B. Smith	Stoney Isl.	75
Lillian B. Harris	Baccaro	103
Hazel H. Smith	Baccaro	159
Maisie D. Nickerson	Blanche	76
Ella S. Zinck	L. Sandy Pt.	169
Viola MacKenzie	E. Green Har Tour	42
Ruby H. Snow	Villagedale	105
Ida M. Thomas	U. Pt. La Tour	93
Mary W. Pike	Hubbards B.	102
Frances Nickerson	Centerville	36

## (b) Low Inland.

Marjorie M. Bruce	Hamilton	91
S. Beatrice Crowell	Lr. Ohio	82
	Oak Pok	78

## (c) High Inland.

Edith Langille	Centerville	100
Hattie E. Lacy	West Con- querall	89
Marion L. Hirtle	Upper Wood- stock	75
Elsie B. Eisenhaur	Penny's	93
Florence B. New- combe	Maplewood	113
Lily M. Kaulbach	Clearland	119
Flora Mae E. Oickle	Big Lots	124
Muriel Westhaver	Camperdown	72
Edna A. Oickle	Rose Bud	49
Florence W. Jeff- erson	Laconia	99
Mabel W. Webb	Rhynos	37
Vera L. Hiltz	Marland	119
Gladys B. Durland	Riversdale	60
Lauretta M. Rhod- enizer	Northfield	71

Emma I. Robinson.	Chester G'nt.	83
Gordon H. Sarty . . . . .	L. Branch . . . . .	110
Florence Lane . . . . .	M. Cornwall . . . . .	106
Emma C. Thompson	Lakeville . . . . .	109
Bernice L. Deal . . . . .	Farmington . . . . .	96
Nellie S. Baker . . . . .	North River . . . . .	94
Amynella Ernest . . . . .	New Burn . . . . .	127
Allison C. Nichols . . . . .	Watford . . . . .	44
V. Beryl Freeman . . . . .	Greenfield . . . . .	73
Lettie P. Crouse . . . . .	New Cum-berland . . . . .	90
Elma H. Ramey . . . . .	Oak Hill . . . . .	85
Laura M. Wentzell . . . . .	Fancy's . . . . .	97
Olive L. Zinck . . . . .	Pine Plain . . . . .	96
Blanch E. Brooks . . . . .	S. Rosedale . . . . .	114
Amy M. Young . . . . .	Lapland . . . . .	114
Edna R. Zinck . . . . .	Sweatland . . . . .	111
Gladys W. Duke-shire . . . . .	Hibernia . . . . .	84
Hilda B. Ennis . . . . .	Harmony . . . . .	71
Mary D. Webber . . . . .	Middledale . . . . .	94
Maude N. Farn-combe . . . . .	Brookfield . . . . .	75
Edna D. Parker . . . . .	Whiteburne . . . . .	84
Katherine A. Fraser . . . . .	Albany New . . . . .	140
Birdie A. Kaulbach . . . . .	N. Brookfield . . . . .	96
Bernice E. Eth-erington . . . . .	North Queens . . . . .	103
Gladys M. Rogers . . . . .	W. Caledonia . . . . .	148
Clyde A. Germaine . . . . .	Kempt . . . . .	96
Esther B. Hanley . . . . .	LaBelle . . . . .	95
Theora W. Randall . . . . .	Md. Ohio . . . . .	75

Estelle J. MacKenzie	Up. Canard . . . . .	19
Hattie L. Bishop . . . . .	Auburn . . . . .	40
Mabel L. Marshall . . . . .	Clarence W. . . . .	66
E. Kathleen Mc-Aloney . . . . .	Nictaux Falls . . . . .	90
Effie M. Potter . . . . .	Lawrence-town . . . . .	107

(d) *Cornwallis Valley.*

Verna Leslie Brown.	Scott's Bay . . . . .	84
Ida V. Meisner . . . . .	Woodlawn . . . . .	120
Julia M. Morton . . . . .	Morden . . . . .	25
Ethel Fisher . . . . .	Scott's Bay Road . . . . .	117

(e) *South Mountains.*

Hattie Cooke . . . . .	Virginia . . . . .	89
P. C. Kempton . . . . .	Maitland . . . . .	75
Mrs. Lulu de Blois Porter . . . . .	Bear Rv. E. . . . .	84
Annie Teresa De-Vancy . . . . .	Perotte . . . . .	86
Mary J. Robinson . . . . .	Nth. Albany . . . . .	119
Effie G. Messinger . . . . .	Durling Lake . . . . .	77
Ivy I. Tosh . . . . .	Clementsvalle . . . . .	113
Frances P. Campbell . . . . .	Waldeck Est. . . . .	101
Lizzie M. Simpson . . . . .	Victory . . . . .	110
Cora Mae Munro . . . . .	Greywood . . . . .	90

REGION III.

Annapolis and Kings Counties.

(a) *Coast.*

Carrie E. Conrad . . . . .	S. Waterville . . . . .	90
Alice L. Potter . . . . .	Harmony . . . . .	81
Maude Webber . . . . .	Lockhart-ville . . . . .	77
Evelyn R. Forsythe . . . . .	North River . . . . .	70
May O. Barkhouse . . . . .	Lake View . . . . .	121
Inez M. Bryden . . . . .	Greenfield . . . . .	40
Flora Wollard . . . . .	Lake Paul . . . . .	121
Gladys Strong . . . . .	Port Lorne . . . . .	72

(b) *North Mountains.*

Minnie L. Banks . . . . .	Piedmont . . . . .	124
Bertha M. White . . . . .	Somerset . . . . .	101

(c) *Annapolis Valley.*

Annie J. MacDonald	Woodville . . . . .	71
Susie T. Baxter . . . . .	Sand Pre . . . . .	79
M. E. Goodwin . . . . .	Sand Hill . . . . .	39
Ethel G. Jackson . . . . .	Delhaven . . . . .	152

REGION IV.

Hants and Colchester Counties.

(a) *Coast.*

Jessie Joy Duff . . . . .	Wentworth . . . . .	68
Minerva E. Dillman	Portaupique . . . . .	24
Flora M. Zwicker . . . . .	Tatama-gouche . . . . .	39
Deborah B. Cail . . . . .	U. Five Isl. . . . .	106
Florence M. Cully . . . . .	Highland Village . . . . .	64
H. Clare Putnam . . . . .	Up. Economy . . . . .	75
Margaret J. Shortt . . . . .	Lr. Economy . . . . .	66

(b) *Low Inland.*

Nellie Burgess . . . . .	Newport Sta. . . . .	83
Lucy M. McCulloch	Whale Creek . . . . .	103
Reta MacLellan . . . . .	Elmsdale . . . . .	88
Hilda Thompson . . . . .	Elmsdale . . . . .	112
May E. Horne . . . . .	Enfield . . . . .	96
Edith H. Hennigar . . . . .	Northfield . . . . .	115
Catherine J. Pearn . . . . .	Grand Lake . . . . .	35
Florence E. Smith . . . . .	Falmouth Village . . . . .	17

Margaret P. Campbell	Montrose	90
Jean Peacock	Northport	75
Martha Shortt	Up. Pleasant Valley	51
Martha Lucilla Fulton	Riverside	74
Annie M. Freeman	Belmont	73
Lulu Belle Treen	Glenholme	78
V. F. Olive	LowerDeBert	95
Maude E. Trueman	Alton	29
Janie I. Strople	Lower Truro	106
Hazel Cottam	East Folly Mtn.	66
Margaret F. McArtt	Dartville	73
Laura M. Creelman	Otter Brook	72
Sarah Jane Fulton	Coldstream	55
Robt. N. Bagnell	Great Village	41
Genevieve Selig	Meadowvale	145
Mrs. Janie O'Brien Strople	New Dublin	185

(c) High Inland.

Sadie Jane Mason	N. Noel Rd.	41
M. A. Frances Scott	Renfrew	38
Lillian Laffin	East Gore	74
Elsie E. MacDougall	West Gore	51
A. Katherine Hennigar	E. Noel Rd.	100
Evelyn H. Harris	W. Branch Falmouth	173
Jessie M. Hume	Greenhill	105
Jessie E. Densmore	Lemenster	24
Ida Crowe	Burnside Up. Stewiacke	77
Mabel C. Lynch	McCallum Sett.	51
Nellie L. Parke	Londonderry	75
Amelia J. Cox	U. Stewiacke	176
Levina Kennedy	Byers	58
Leta Cox	Londonderry Station	106
Mary Ethel Gray	McLeod	107
Mary E. Smith	Lake Road	60
Minnie E. Whidden	Camden	71
Clara Dillman	Folly Lake	40
Annie B. MacIntosh	The Falls	133
Nancy Nelson	Wilson's	35
Florence J. Blaikie	Cross Roads	185
M. Elsie Hamblen	Newton Mills	121
Martha M. Peppard	Portaupique Mtn.	101
Murdena A. Creelman	C. Nth. Riv.	87
Marion N. C. McKay	U. Nth. Riv.	86
M. T. Harris	Murphy's	64
Eva D. McCulloch	Nuttby	40
Grace Phillips	Lanesville	82
Grace Horton	Castlereagh	95

REGION V.

Halifax and Guysboro Counties.

(a) Coast.

Mary A. Laurie	Half Is. Cove	112
Lelia Lucy Smith	Chegoggin	96
Gladys Sutherland	Marie Joseph	39
Winnifred Simpson	Liscomb	72
Catherine M. Scott	Herring Cove	49
Florence A. Burgess	N. W. Arm	92
R. L. Leslie	Woodside	178
Alexandra Erskine	Cole Harbor	75
M. Beatrice Jewers	S. E. Passage	100
Plessa M. Russell	W. Lawrence-town	94
Rita E. Hiltz	Seaforth	55
Marguerite Lay	L. Meaghers Grant	82
Alice L. Leslie	Spry Bay	100
M. E. Webber	West Sheet Harbor	48
Kathryn Martin	West Sheet Harbor	40
Ethel M. Hiltz	Dartmouth	62

(b) Low Inland.

Clara Isabel Fisher	Aspen	73
Louise Cameron	Sherbrooke	92
H. M. Johnson	Oakfield	89
Margaret E. Auld	Waverley	182
Emma A. Higgins	Cooks Brook	123
Annie A. Fancy	Chaplin	50
C. Winnifred Kent	Greenwood	91
Ella P. Baker	Cariboo Ms.	105

(c) High inland.

Catherine M. Chisholm	Roman Vy.	71
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REGION VI. A.

Cobequid Slope.

(a) Coast.

Miss Ellen O'Regan		
Miss Mary O'Mullon		
Miss Mary Nelson		
Miss Alva Moss	Parrsboro	148
Edna Crossman	Cross Roads	90
Elizabeth H. Beavey	Port Greville	13
Irene Fullerton	Port Greville	109



(a & c).

Bertha Mae Smith...	New Yorkmouth	51
Margaret Gavin....	Greenville	40

Helen G. Thompson.	C. Cariboo...	101
Annie I. Robertson..	Hedgeville...	72
M. M. Campbell....	Waterside...	125
Blanch E. Douglas..	Pictou Land- ing.....	87

REGION VI. B.

Chignecto Slope.

(a) Coast.

Louise V. Brownell..	Shule.....	76
Inez J. Fullmore....	Sand River..	47
Violet Archibald...	Joggin Mines	54
Leonia N. McMillan	Amherst....	30
Harriet B. Lewis....	Brookdale...	60
Edna C. Morse.....	Hastings....	148

(b) Low Inland.

Nellie Chandler....	East Amherst	118
Nettie May Smith...	Springhill Jt.	56
Vivian J. DeWolfe	Rv. Hebert	
	Head.....	122
Marjorie Boss.....	Athol.....	114

(b & c).

Vera M. Allen.....	Halfway Rv..	58
Ethel V. Dawson...	Halfway Rv.	
	East.....	159
Janet M. Fullerton..	Harrison	
	Settlement	82

REGION VII.

Pictou, Antigonish and Cumberland Counties.

(a) Coast.

Bessie Dill.....	U. Gulf Shore	81
Laura M. Harrison...	Wallace Br...	39
Jessie C. Brownell..	Amherst B'ch	126
W. A. Petipas.....	W. A. Tra- cadie.....	92
Stella M. Stropole...	Bayfield....	184
Celia MacDonald...	Sutherland	
	Riv.....	97
Cornelia Prouse....	Kings Head..	61
Nola P. McGuire....	Barneys Riv.	46
Christine Colquhoun	Little Harbor	161
Margaret E. Reeves.	Pine Tree...	97
Ada S. MacDonald..	Pictou.....	142
Jessie M McKenzie.	Mellville....	133

(b) Low Inland.

Mildred MacDougall	Plainfield....	143
L. Jean Tattrie....	E. Branch....	124
Jeanette Cox.....	Durham.....	90
Annie J. B. Hamil- ton.....	Louisville....	70
Irene C. Robertson..	Poplar Hill..	99
Anna Amelia Watt..	Hodson.....	163
Helen M. MacKay...	Bigney.....	66
Elizabeth Murray..	Welsford....	129
Donna G. Chisholm.	Abercrombie.	65
Sarah C. Chisholm.	Heatherton..	144
Mary Macdonald...	Black Avon..	66
Mamie G. Smith...	Glenville....	357
Eva M. Hunter....	Mansfield...	87
M. E. Crowley.....	Stouts Ridge	83
Edith M. Brownell	River View..	120
Emma DeWolfe....	So. Victoria..	86
Katherine I. Dyas..	Beckwith....	41
Hazel R. DeWolfe..	Up. Linden..	71
A. S. Roberts.....	Little River..	36
Beryl B. Mitchell..	Shinimicas	
	Bridge....	135
Thelma T. Roblee..	Little River..	62
Sadie Dow.....	Conn's Mills.	54
Lucy D. MacNutt...	Hartford....	96
Lillian G. Tuttle..	Wentworth..	63
Alta May Dow.....	Greenville S.	24
Margaret A. Forbes	Westchester	80

(c) High Inland.

Mary Hazel Blair...	Meiklefield...	67
Mary A. Gunn.....	Hopewell....	62
Hazel MacKenzie...	Centerdale..	96
Alice P. Cruickshank	Peidmont....	135
Hattie A. Sutherland	Garden of	
	Eden.....	39
Rosa B. Bowfield...	Avondale....	92
Mary C. Chisholm..	Moose River..	83
Annie M. Mac- Donald.....	Rocky Mtn..	70
Lila Swinhamer...	Brookville...	211
Nellie MacIntosh...	Blanchard R.	72
Jessie Isabel Fraser.	Greenvale...	125
Barbara M. MacKay	Diamond....	182
Catherine J. Stewart	Woodfield...	135
Annie Margaret MacDonald....	Churchville..	108
Mary B. Thompson.	Glencoe.....	64
Annie E. Harris...	Eureka.....	81
Jean Ballantyne...	Elgin.....	236
Alexandra W. Mc- Kenzie.....	Watervale...	61
Margaret G. Munro.	Brookland...	150

Marjorie G. Holmes.	Pictou Isl. . . . .	114
Margaret C. Sutherland . . . . .	Mill Brook . . . . .	133
Bessie M. McLeod . . . . .	Rogers Hill . . . . .	127
Margaret A. McGregor . . . . .	Meadowville . . . . .	66
Janet E. MacIntosh	Union Center	122
Sarah M. McDonald	Up. Big Tracadie . . . . .	50
Mary F. Macdonald	Fraser's Grant	77
Nellie Boyd . . . . .	Wentworth Sta. . . . .	111
Lena Blanche Rogers	Williamsdale . . . . .	84
Ila Jackson . . . . .	Wyvern . . . . .	100
M. G. McCallum . . . . .	Rodney . . . . .	67
Delia Gilroy . . . . .	Greenville Cross Rds. . . . .	31
Marie L. Jeffers . . . . .	South Mt. Pleasant . . . . .	109

**REGION VIII.**

**Richmond and Cape Breton Counties.**

*(a) Coast.*

Johanna M. Doyle.	Acadiaville . . . . .	52
Annie E. Canavan . . . . .	Fourchu . . . . .	20
Ethel Johnson . . . . .	Red Islands . . . . .	81
Elizabeth C. Somers	Irish Cove . . . . .	105
Christina Mac-Donald . . . . .	Soldiers Cove . . . . .	49
Greta M. Spencer . . . . .	Homerville . . . . .	73
Margaret McLeod . . . . .	South Head . . . . .	69
Ellen S. Leach . . . . .	Round Island . . . . .	40
Mildred M. Spencer . . . . .	Mira Gut . . . . .	74
Grace H. Irish . . . . .	Coxheath . . . . .	66
Elizabeth J. Cash . . . . .	Balls Bridge . . . . .	63
Theresa Farrell . . . . .	Leitches Ck. . . . .	51
Mabel B. Dickie . . . . .	U. N. Sydney . . . . .	81
Catherine I. Donohue . . . . .	Alder Point . . . . .	64
Mary B. Macdonald	Ltl. Bras d'Or West . . . . .	113
Matilda E Robinson	Long Isl. Ma. . . . .	43
M. A. Coady . . . . .	Big Bank . . . . .	124
Annie M. Fife . . . . .	Grasses Pt. . . . .	82
Frances M. Donald . . . . .	Pt. Aconi . . . . .	104
Mary M. Campbell . . . . .	Bateston . . . . .	58
Catherine B. McDougall . . . . .	Main-a-Dieu . . . . .	44
Sadie Johnson . . . . .	Scatarie Isl. . . . .	97
Margaret McDaniel . . . . .	Lt. Lorraine . . . . .	36
Mary E. Miller . . . . .	Big Lorraine . . . . .	55
R. B. Nauss and B. C. Bentley . . . . .	Gabarus . . . . .	73
Hilda M. Foster . . . . .	Gabaries L. . . . .	24
Annie Campbell . . . . .	East Bay . . . . .	112
Catherine Smith . . . . .	Big Pond C. . . . .	108
Cassie McDonald . . . . .	Highland . . . . .	86
Jessie A. Nicholson . . . . .	Long Island . . . . .	70
Mary MacDonald . . . . .	Eskasoni . . . . .	74

Annie C. MacNeil	Amaguadeez	85
Ella L. Leydon . . . . .	Grand Nar. . . . .	48
Sadie C. Collins . . . . .	Christmas Isl. . . . .	88
Mary C. MacKenzie . . . . .	Big Beach . . . . .	74
Annie B. MacDonald . . . . .	Beaver Cove . . . . .	35
Mary E. Nicholson . . . . .	Barrachois . . . . .	60

*(b) Low Inland.*

Harold E. Grant . . . . .	Grantville . . . . .	102
Janet F. Cameron . . . . .	Birch Grove . . . . .	40
Katie A. McDonald . . . . .	Milton . . . . .	29
Vivien G. MacKenzie . . . . .	Caribou Mar. . . . .	25
Laura M. Boutilier . . . . .	Sandfield . . . . .	85
Isabell Gillis . . . . .	Meadows Rd. . . . .	76
Emily J. LeVatte . . . . .	Sydney River . . . . .	106
Wm. D. McKenzie . . . . .	Balls Creek . . . . .	43
Catherine Woodworth . . . . .	Mira B'kyard . . . . .	48
R. I. Wallace . . . . .	Clarks Road . . . . .	57
Flora C. Matheson . . . . .	Trout Brook . . . . .	114
Elizabeth A. McMullen, Margaret E. Gillis . . . . .	U. Gr. Mira . . . . .	56
Mary M. McMullin . . . . .	Grand Mira . . . . .	41
Catherine A. Gillis . . . . .	Victoria Br. . . . .	45
Clara A. Kehoe . . . . .	Gr. Mira N. . . . .	138
Agnes C. MacCuish . . . . .	Salem Road . . . . .	49

*(c) High Inland.*

Hannah J. McLeod	MacAdams Lake . . . . .	43
Mary Susan Ley . . . . .	Up. Leitches Creek . . . . .	57

**REGIONS IX AND X.**

**Inverness and Victoria Counties.**

*(a) Coast.*

Minnie V. Macneil . . . . .	L'Ardoise . . . . .	116
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*(b) Low Inland.*

Christina A. Mac-Askill . . . . .	MacLeans Br . . . . .	79
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*(c) High Inland.*

Jean E. Whitman . . . . .	Marble Mtn. . . . .	55
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# Rural Science Bulletin.

Vol. IV.

TRURO, 21 AUGUST, 1917.

No. 1.

*Editor:* L. A. DeWOLFE, M. Sc., Normal College, Truro, Nova Scotia.

## NOTES TO TEACHERS.

As usual, the opening of school is a busy season. Nevertheless, requests and reminders are in order. Don't forget the fall exhibitions. Material for the Provincial Exhibition, Halifax, should be shipped not later than Sept. 8 if by freight, or Sept. 10, if by express. Cut flowers should not be sent from distant points. Exhibit those at your local or county exhibitions.

For helpful hints, re-read the Rural Science Bulletins dated September and October 1916. They are in the last October Journal of Education.

Products of the home gardens and of home canning will be specially desirable this year. Make your ratepayers proud of you and of their school by exhibiting something. If circumstances are against you we don't expect a big exhibit. Simply do your best. That is all anyone is called upon to do at any time.

If you have no Halifax prize-list, consult your County list. The items are the same; but the money values are higher. The regular Halifax prizes are

First \$1.00;    Second .75;    Third .50.

Following are the dates of the County Exhibitions:

Inverness	Sept. 11, 12.
Shubenacadie	Sept. 25, 26, 27.
Sydney	Oct. 2, 3, 4, 5.
Guysboro	Oct. 9, 10.
Antigonish	Sept. 27, 28.
Bridgewater	Sept. 25, 26, 27.
Yarmouth	Oct. 3, 4, 5.
Shelburne	Oct. 4, 5.
Caledonia	Oct. 2, 3.
Little Brook	Oct. 9, 10.
Digby	Oct. 2, 3.

Rural Science Exhibits are already well established at Shubenacadie, Bridgewater, Yarmouth and Caledonia. This year, substantial prizes are offered by the Committees at Inverness, Sydney and Antigonish. We look to the teachers to avail themselves of these offers, and also to work up new territory.

If you are in a school where rural science was never attempted before, allow the children to exhibit what they *helped* to grow. Each exhibit should be accompanied by a statement saying what part of the work the children did.

### GARDEN REPORTS, SPRING OF 1917.

Owing to the lateness of the season, a number of teachers failed to report their garden work. The reports actually received are as follows:

Number of children's home gardens.....4176  
 Combined area of " " " .....42 acres.

This is indeed commendable. If reports had been complete these figures would doubtless be increased by 25%.

Such an effort on the part of teachers and pupils indicates that we are all willing to do our share, whether it be on the fields of France or in the schools and the gardens of Nova Scotia. The exhibitions this fall will be tangible evidence of the results of such efforts.

Among the many schools reported, Syeney leads with 1024 gardens, having a combined area of 5 acres. Other schools having a large area are Antigonish, Liverpool, Pictou, Lawrencetown, Bridgewater, Middleton, Parrsboro and Truro. The best *rural* districts reported are Glenville and Williamsdale East, Cumberland Co.; Bayfield, Antigonish Co.; Waterville, Kings Co.; Baddeck Bridge and Red Head, Victoria Co.; Bible Hill and Lower Truro, Colchester Co.; South Gold River, Lunenburg Co., and Belle Cote, Inverness Co., Several others did nearly as well.

### GARDEN CONTESTS.

Besides the general gardens, local contests were organized as follows:—

8	schools	organized	hog	raising	contents.
8	"	"	calf	"	"
5	"	"	lamb	"	"
13	"	"	chicken	"	"
14	"	"	potato	"	"
6	"	"	turnip	"	"
3	"	"	mangel	"	"
3	"	"	grain	"	"
5	"	"	cooking	"	"
4	"	"	canning	"	"

We hope to have reports of these contests and of the successes and failures of the childrens gardens not later than the

end of October. Won't teachers make it their business to look after this matter? Let us know the names of the prize winners.

### PHOTOGRAPHS.

From time to time, photographs of school gardens have appeared in the Annual Report of the Superintendent of Education. If teachers do not see this report each year, they should ask to have a copy sent from Halifax.

Can we not have more photographs of home gardens? Teachers are urged to get pictures of their children's gardens. The best of these will be published. That will encourage the children, and spur them on to greater effort. Get photographs of your local exhibits too. If your school gardens have not been photographed, get a professional photographer to use his skill there.

### SUMMER SCHOOL, TRURO, 1917.

In some respects our Summer Session of 1917, was the best yet. Owing to shortage of farm labor, many of our older students were unable to come. Consequently we have only 18 qualifying for the Diploma. On the other hand, however, we had 71 who qualified for the one year certificate. This number included so many excellent workers that we anticipate a large graduating class next year.

Our total enrolment was 148. Former students will be gratified to know that all their traditions have been creditably upheld by the class of 1917. Our school garden was never kept in better condition. It is larger and better than ever. Our exhibition was a success.

The spirit of helpfulness is always a marked feature in our Summer School. The students are always ready to do any work necessary to the carrying on of the school. They feel that the school is theirs. They are loyal and helpful to the institution. No one has a grudge against anyone or anything. No one ever feels or implies that "that is not my job."

For this attitude and for all the assistance so freely given, we are deeply grateful. We hope we may, in a small measure, be able to reciprocate. We hope, too, that the pupils in the various schools thruout the province will be as loyal and as helpful to their teachers as these teachers deserve.

### NO EXTRA WEEK VACATION.

The School Regulations grant no extra week vacation for attendance at Summer School. For the past three or four years, the Superintendent used the power vested in him to grant it. Inspectors found, however, that trustees in general were not in favor of it. At the last Inspectorial Conference it was deemed advisable not to grant the extra week in the future.

We realize that teachers earn an extra weeks rest by working hard for four weeks of their vacation. On the other hand, we must submit to the majority—the rate payers who employ us. Nothing has been taken from us, for we have never had any printed promise of the extra week by the Council of Public Instruction.

## FALL WORK IN OUR SCHOOLS.

The getting acquainted with your new pupils and preparing for exhibitions will occupy your first few weeks, don't lose sight of the general plan of your years' work. Next spring's garden success depends largely on this fall's preparation. Destroy weeds before they scatter their seeds. This will naturally follow a lesson on seed dispersal or on weeds. After a lesson on cutworms, the children will want to clean up their gardens.

Plow or dig the ground this fall for the next garden. While crops are growing is the time for children to learn how much space each plant needs. That will give him an idea how thinly to sow his seeds next spring.

Some hot day in early September the children will wish they had shade trees on the school grounds. That is the time to plan for next Arbor Day. Don't you wish such plans had been executed thirty years ago. Next best is to have some one bless you thirty years hence.

Among other things to do this fall are: Induce the children to buy a few tulip and narcissus bulbs for home planting. Bulbs planted in October will bloom next May. Prepare a few window boxes which will prolong the growing season after frosts have killed garden flowers. Have the children make cuttings from petunias and snapdragons before frosts kill them. These will bloom at home in early spring. Beg dahlia tubers from friends for next spring's planting on the school grounds. Keep phenological observations. Attend an exhibition to get ideas. Use your best judgment in applying rural science to your regular school subjects. Talk matters over with the parents in order to get their point of view and to give them yours. Difficulties usually arise from misunderstandings.

The following quotations from teachers' letters, suggest the different lines along which school activities may be effective.

"We have two rows of thrifty looking potatoes at the school. Some planted on barnyard manure, some on kelp and some on slag. We also set out some lilac and rose bushes, planted a few flower seeds, and have a window box."

"On the school grounds we set out five trees, we made a border of shrubs along one side of the grounds in front of which we planted perennial flowers, and in the space beside the school house steps we planted flowers such as sweet peas, nasturtiums, zinnias, marigolds and bachelor buttons.

Each child has kept his own notebook on general nature observations, birds, and butterflies."

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# Rural Science Bulletin.

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No. 2.

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*Editor:* L. A. DeWOLFÉ, M. Sc., Normal College, Truro, Nova Scotia.

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## EXHIBITIONS.

Tho the Exhibition season is not yet over, we have gone far enough to know that we have beaten our good record of previous years. Our "Greater Production" movement of last spring has certainly borne fruit, or rather, vegetables. Not only have more schools exhibited, but the quality of the exhibits is much better than ever before. We are grateful to the teachers who have so ably co-operated to bring such good results.

Last year 37 schools were represented in the Rural Science Division at the Provincial Exhibition. This year the number was 55. Fifteen of these sent very few exhibits; but the fact that they were represented means a greater effort next year.

The county exhibitions have larger sections devoted to rural science than heretofore. We cannot give a full report of these until next month. To date Shubenacadie leads with 19 schools represented.

It is extremely gratifying to report much new territory won to the rural science idea. The older exhibition centers, such as Lawrencetown, Bridgetown, Parrsboro, etc. are keeping up to their former standards. In addition, new stars have appeared. Stellarton and Pictou have awakened, and have shown us the way Pictou County can do things.

Everywhere, the small rural school is doing its part. About 40 rural schools held exhibitions during September.

Our two travelling teachers, Miss Henderson in Oxford and Miss Wood in Annapolis, are doing good work. All of Miss Wood's schools sent small exhibits to Halifax. Not only did Miss Henderson's schools exhibit in Halifax, but she organized three successful local exhibitions, River Hebert, Oxford and Collingwood.

To aid those who have difficulty in raising money for local exhibitions or who fear that an exhibition might not be popular, I quote from Miss Henderson's recent letter as follows:

"Both at River Hebert and Collingwood, we decided to have sports for the children. Thus they felt that the Exhibition was their own, and not the teachers'. This kept them busy during the time of judging. The races and jumping contests were conducted by Rev. Mr. Earle, Rev. Mr. Gessner and Mr. Ross at River Hebert, and by Rev. Mr. Davies at Collingwood.

By the sale of ice cream, etc. and with an admission fee of 10 cents, we raised \$49 at River Hebert. At Collingwood and neighboring schools, the teachers last year raised \$35. This was handed over to us. At Oxford, the children brought one cent each to pay expressage on their exhibits to Halifax."

Principal Oulton, Stellarton, reports:

"For prize money, we canvassed the Board of Trade, National Service League and the School Board. All were willing to help us. We raised \$70."

**TEACHERS PLEASE NOTE.**

Teachers who sent rural science exhibits to Halifax will probably receive cheques covering the amount due their school. Remember, each 1st prize card is worth \$1.00; 2nd, 65 cents; 3rd, 35 cents. In addition there will be a number of "specials" or "extras." These are to encourage those who sent something not on the prize-list, or whose material could not be regularly classified. In general, each "extra" in vegetables is worth 10 cents; in sewing, 25 cents; and in cooking, 15 cents.

In order to report fully next month will all teachers who have done any exhibition work this fall be good enough to send to Truro the information asked for below?

**REPORT OF SCHOOL EXHIBITIONS.**

**I. Local Exhibition.**

- Name of School.....
- Name of Teacher.....
- Date of Local Exhibition.....
- Approximate Number of Visitors exclusive of children.....
- Number of Pupils who exhibited something.....
- Number of Prizes awarded.....
- How much Money was given in Prizes?.....
- From what Source did the Money Come?.....
- What other Prizes were awarded?.....



**II. District, County or Provincial Exhibition.**

Place and Date of District or County Exhibition.....  
 How many Pupils from your School sent Exhibits?.....  
 How many Prizes did your School win?..... Money value  
 of prizes.....  
 Remarks:.....

Note.—Under "Remarks" say what classes of material your school exhibited.

**RURAL SCIENCE GRANTS.**

Teachers who wonder why they do not receive the expected rural science grant will find the new regulations in the April, 1917, Journal of Education, page 54.

Last June, small grants were paid to some teachers who had not fully lived up to all requirements. This was because April was rather late to give notice of the withdrawal of grants.

To be sure, in practically no case would there be any difference in the work done. Nearly all our teachers do their best without thought of the extra grant. We do not anticipate any falling off in interest because of this announcement. If teachers are really worth more than they get, sections will soon discover it, and will increase the salary rather than lose them. Indirectly therefore, extra work of a profitable kind will bring its reward.

No ambitious teacher has lost money by attending the summer school at Truro. To date, the bonuses while in Truro and the small grants while teaching have repaid all expenditure. By the newer regulations, the session in Truro will still cost the good teacher absolutely nothing. We venture to predict no decrease in the attendance each summer; and no lack of interest in rural science work thruout the province. We know the sterling quality of our teachers too well for that.

**CORRECTIONS.**

In the August Rural Science Bulletin we stated that the Halifax Exhibition Prizes for rural science exhibits were \$1.00, 75 cents and 50 cents. This was a mistake. It should have been First \$1.00; Second 65 cents; Third 35 cents.

A number of typographical errors appeared in the August Bulletin. Only one, however, seriously changed the intended meaning. On page 4, "cuttings from pictures" should have read "cuttings from petunias."

### EXCHANGE OF LETTERS.

Following is a request from a teacher in Ohio which we trust will meet with a ready response. Why not extend this by establishing letter exchanges with schools all over the world? What better way could we teach geography? Let us have any good suggestions you may get in this way. Is your teaching of rural science, for instance, ahead of or behind that in Denmark? Possibly some English speaking child in Denmark can tell you.

Here is the Ohio request. Please answer it.

Celina, Ohio,

Sept., 10th, 1917.

Loran A. DeWolfe,  
Truro, Nova Scotia.

Will you kindly give me the name and address of some teacher who would be interested in a letter exchange between their school and mine?

Respectfully,

**Gretchen Nickel.**

**Celina, Ohio.  
R. R. No. 10.**

This clipping from a circular letter issued by our Superintendent of Education should be considered seriously:

"Preservation by canning, drying, etc., should be brought thru every educational agency to a knowledge of the people at Institutes, in public addresses in the schools, especially in the *Rural* and *Domestic Science* Schools, and in the press. Our people are already alive to such points and the Inspectors and teachers should never forget to give the movement a push whenever any opportunity offers.

**GOOD NATURE BOOKS.**

The Musson Book Company, Limited, Toronto, supply the following books:

- "The Pocket Nature Guides," Linen \$1.00. Leather \$1.25.  
 Flower Guide, by Chester A. Reed, B. S.  
 Land Birds, by Chester A. A. Reed, B. S.  
 Water Birds, by Chester A. Reed, B. S.  
 Western Bird Guide, by Chester A. Reed, B. S.  
 Animal Guide, North American Wild Animals, by Chas. K. Reed.  
 Tree Guide, by Julia Ellen Rogers.  
 Butterfly Guide, by Dr. W. J. Holland.

- How to Make Friends with Birds, by Niel Morrow Ladd.  
 How to Make School Gardens, by H. D. Hemenway.

- |                                    |      |                         |
|------------------------------------|------|-------------------------|
| Cooking for Little Girls.....      | 75c. | } by Olive Hyde Foster. |
| Housekeeping for Little Girls..... | 75c. |                         |
| Sewing for Little Girls.....       | 75c. |                         |
| Gardening for Little Girls.....    | 75c. |                         |

**Nature Study Review.**

*The Nature Study Review* is published monthly at Ithaca, N. Y., price \$1.10 a year.

Following is from the publisher's announcement for the current year.

The September Number will give descriptions of habits, check list, color key and pictures of fifty common butterflies.

The October Number will be devoted to the study of trees including careful outlines for tree observation in connexion with school work.

The November Number will give a plan for the study of a brook:—how to study it as a part of physical geography and how to study the life within the stream and also the plant and animal life on its banks during autumn, winter, spring and summer; also a plan for mapping the brook from its source to its mouth.

The winter birds will have complete possession of the December Number.

The January Number will be devoted to the winter habits of our common wild animals and will contain a delightful, illustrated article on the study of tracks in the snow by Professor Hegner of Ann Arbor.

School gardens will be the theme of the March Number.

In April will be given a plan for the study of fish in our smaller streams and also for establishing edible fish in the streams and ponds as a part of farming.

The May Number will deal with the common garden flowers and their insect friends and will be of real value in correlation with gardening. A detailed study of the all important potato will also be given in this number.

### SCHOOL GROUND IMPROVEMENT.

Rural Science Bulletins dated March and April, 1916, will bear re-reading. They are in the April, 1916, Journal of Education, pages 70 and 151.

Now is the time to plow the ground for next year's planting. Tho, in general, we discourage gardens on the school grounds except where there is a janitor to care for them, we strongly urge planting a few flowers that are easily cared for. Why not try Dahlias? Even Golden Glow is better than nothing. A few rural schools have good flower gardens; but they are far too few.

The enthusiastic teacher, strong in leadership, can do whatever she tries. When I am told that the people or the pupils are not interested, I always know where the fault lies. If the teacher is not to blame, is it not strange that the people's interest in school affairs changes from year to year as teachers change? This is a fact readily observed. *Everything depends on the leadership of the teacher.*

Why not plant a few hundred tulips this month?

Is a School Garden useful? According to the following, at least one teacher thinks so.

"My garden (one-tenth of an acre) will yield quite a show of potatoes, some cabbages and beans and has given material for nearly every nature lesson we have had since school began.

**Thirty of my pupils had successful home gardens."**

## CIRCULAR TO PUBLIC SCHOOLS

(In or near which extra harvest labor is likely to be required).

Dear Teacher:

The Director of National Service called upon the Council with a delegation from the Valley representing the scarcity of labor for harvesting the apple and other crops, and suggesting that as far as proper the labor of those attending school should be utilized.

This, then, is to direct with the consent of the Council that both teachers and trustees in all parts of the province should as far as practicable cooperate with those in need of harvesters, to make it as easy as possible for those willing to be employed, to temporarily leave their classes for urgent harvest work, and thereafter resume with the least loss possible their places in their respective classes.

To this I am adding an important excerpt from the advice just issued from the Bureau of Education at Washington, which in a campaign for the maintenance of school efficiency as a special patriotic duty, is enlisting labor unions, parent-teacher associations, women's clubs, churches, religious and many other organizations directly concerned with education:

"Everywhere there seems to be fear lest our schools of all kinds and grades, and especially the public schools, will suffer this year because of conditions growing out of our entrance into the war. On the other hand, both for the present defence and for the future welfare of our country, as well as for the individual benefit of the children, it is of the greatest importance that the schools shall be maintained in their full efficiency, both as to standards of work and attendance of children.

"While the war continues there will be many unusual temptations to many kinds of juvenile delinquencies. Prompt and regular attendance at school and proper employment during out-of-school hours will be the children's surest protection against such temptations.

"When the boys and girls now of school age have reached manhood and womanhood, there will be need for a higher standard of intelligence, skill, and wisdom for the work of life and for the duties and responsibilities of citizenship than we have ever yet attained. Our schools must now be so sustained and improved as to enable them better to prepare our boys and girls for life and work in the new age which will follow the close of the war and the coming of peace. No boys and girls must now be neglected or exploited for selfish ends."

I am,

Yours very truly,

**A. H. MacKay,**

*Superintendent of Education.*

Education Office,  
Halifax, N. S.,  
4th September, 1917.

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# Rural Science Bulletin.

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Vol. IV.

TRURO, 6 NOVEMBER, 1917.

No. 3.

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*Editor:* L. A. DeWOLFE, M. Sc., Normal College, Truro, Nova Scotia.

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## STANDARDS OF WORK.

By what standard do you measure your work? Two standards are set before us. They are (1) *Our* best; (2) *The* best. In any particular line of work, only one can attain *the* best; but we all can do *our* best. Shall we?

Considerable space in this bulletin is given to reports of local exhibitions. Which one will you take as your standard for next year's efforts? Why not choose the strong features of all, combine them into one standard, and do *your* best to attain it.

In comparing the possibilities of your school with the accomplishments reported elsewhere, keep in mind the relative advantage of handicaps. A town school, where a number of teachers assist and where public spirit is better developed than in most rural districts, an exhibition will be larger than it can be in a rural school. Surmount imaginary handicaps. Frequently we hear "the people are not interested." That is the teacher's fault. We know teachers who could make them interested? Are you one?

## QUOTATIONS FROM TEACHERS' LETTERS.

"One Trustee offered \$5.00 for 1st prize in a potato contest, the second offered \$3.00 for 2nd prize, and the third \$1.00 for 3rd prize."

"On the evening of our exhibition we gave an entertainment which lasted about an hour and a half. I got the Trustees and Secretary to speak on agricultural topics and to judge the exhibits. In this way I got them interested, so that they thought the exhibition one of the greatest things that ever happened. They are already planning on a larger one next year. They also say that after this they shall take care that their teachers have Rural Science certificates."

"The school children of Glace Bay held an exhibition of their home garden produce in the Kitchener Club Assembly room on October 19 and 20th. There were one thousand and seven entries, from all the schools. Interested citizens of the town donated prizes amounting to between \$75 and \$100. The exhibit consisted of vegetables of all kinds, as well as potted plants, cut flowers, and preserved or canned vegetables."

Miss Flora M. Zwicker, Principal of Pugwash Schools, writes so encouragingly that we quote somewhat at length from her letter:

"I feel sure, there is no better way to start "Rural Science Work" in any section than the holding of a Local Exhibition. It certainly arouses enthusiasm.

We gave no "Money Prizes," but each "Prize Winner" received a "Prize Card" and they felt satisfied. Next year we're going to have some money to spend in prizes—have nearly \$10 donated now.

By the sale of ice cream, candy, etc., and with an admission of 10 cents, we raised \$39.50 for school purposes.

Miss Henderson spent last Friday with us, and we were indeed glad to have her able assistance. I see where we are going to do "*big things*". She has given us a nice start.

We intend holding a little "institute" of the teachers of Wallace Bay, South Pugwash, West Pugwash, Pugwash River, Lower Gulf Shore, Pugwash Jct., Port Howe and Pugwash, on her next visit here. Our aim is to work up R. S. in those sections and make this the center."

FLORA M. ZWICKER.

"At a meeting in the Court House, Mr. Trask announced the exhibition and six of the men offered money for prizes. The teachers canvassed the leading men of the town for more money and we got thirty-five dollars.

The exhibition was held in the Grade VIII room. The children brot vegetables Monday and cutflowers Tuesday. Prof. Blair was kind enough to judge the exhibits for us.

The people of Kentville proved to be very interested. We must have had over a hundred visitors.

Next year we shall make our plans earlier, and have an exhibition that will make it worth your while to come to Kentville.

We find Mr. Trask very willing to help us in our Rural Science Work."

ANNA MacGREGOR, Kentville.

Following is an extract from a newspaper report of the Stellarton School Exhibit. How does this compare with your standard? Read it.

"There were in all over 600 separate entries, and the taste shown in the attractive manner in which they were displayed was highly creditable.

To show how widespread the competition was we may note that there were over one hundred different entries for potatoes, twenty-five in green tomatoes, thirty-five in cucumbers, fifty in beets, fifty in carrots, fifteen in parsnips, ten in onions, ten in corn, ten in celery, seven in ripe tomatoes, thirty-five in pumpkins. There were beans in the pod, shelled beans, peas in the pod, shelled peas, several splendid entries in turnips, in Summer squash, Hubbard squash, cabbage.

A very interesting section was that where was shown an interesting lot of herbs and the rarer vegetables, such as thyme, mint, parsley, Scotch kale, spinach and oyster plant.

Another attractive section was the display of cut flowers in bloom—a highly creditable display.

A booth that attracted special attention was that where was shown a tempting array of pickled vegetables, alluringly put up in all the various ways of modern methods, and so attractively put up as to make these, the honest fruits of toiling

hands, fruits of vegetable gold. Here we found pickled beets, peas, beans, sweet pickles, chow, mixed pickles—all these were shown in great variety and put up in different ways and by different methods.

And finally, and one of the best of all from the standpoint of the public school, was the room where was shown the products of the "School grounds garden," of which Principal Oulton was proud, and surely he had just reason to be so, for the samples of the garden fruits were surely evidence of the skill and care and scientific knowledge combined with the practical knowledge that went to make this display possible. Here were luxurious and luscious samples of cucumbers, squash, pumpkins, beans, tomatoes, peas, even of fruits, such as plums and green-gages all the product of the school grounds garden.

The whole exhibition was certainly an eye-opener. It shows what the schools might do and can do under teachers who take a practical interest in the pupils after school hours, and it will encourage them to do better even next year. It is an object lesson to other schools to go and do likewise.

To prove also that this garden and field work did not detract from the book knowledge of the schools we may add that of all the candidates who went up to the Provincial Examinations from the Stellarton High School, and they were many, and from all the grades, IX, X, and XI, there were only four failures in the whole school, which, we think, will be the record for the Province. Well done Stellarton! Your splendid Exhibition was a revelation, an inspiration and a benediction, all in one, in the quantity and number of exhibits shown, in the superior quality of the exhibits, and, most of all, in the enthusiastic spirit shown by teachers, pupils and parents."—*New Glasgow Enterprise*.

### CLIPPINGS WORTH READING.

"The city sets the pace for the country. . . . . If we make our cities as beautiful as we possibly can, beautify home surroundings, parks, gardens and cemeteries and vacant lots, that will inspire the country people to do likewise."

A. H. TOMLINSON.

"My own opinion is that work done in the town is the very best that could be done for the country district, because our country people get their ideas of shrubs from the towns they visit."

PROF. CROW.

Both of the above from Discussion at Hort. Society of Ont., 1916.

"I cannot see any reason why our rural Ontario should not be just as beautiful as rural England. We can grow everything they can out there, and a great many things with less pains than they can, and when citizens spend \$500 an acre to grow things on I do not see any reason why the farmer with land at \$100 cannot grow flowers just as well."—MR. SINCLAIR, in Report of Hort. Societies of Ontario, 1916.

### SCHOOL GARDENS.

"School garden work has not progressed so rapidly in Ontario as some ardent advocates of this proposition desire. This lack of advancement is due largely to the fact that qualified practical instructors in this subject are difficult to secure. It certainly is a most important part of the education of the child. Garden work should not, however, be considered as an end in itself, but rather as a means to an end. It is not the intrinsic value of the plants, flowers, and vegetables that makes the school garden so important, nor the knowledge acquired of plants and their surroundings. It is both of these and the training of the powers of the child. Most pupils are interested in gardening. It is a subject on which they can concentrate their attention quickly, and when brought into proper relation with other subjects taught in the school, it becomes an aid in teaching these. By concentrating the attention of the pupil, it lessens the time necessary to acquire a knowledge of them. It has been found by experience that even two hours a day devoted to manual training or domestic art, enables the pupils to accomplish more in the remaining time than they formerly managed to perform in the whole time spent in school."—J. LOCKIE WILSON, Toronto, in Report of Hort. Society of Ontario, 1916.

"Thirty-four city school superintendents have reported a total of 67,388 children engaged in the cultivation of home vegetable gardens in the United States."—Bureau of Education Circular.



"The United States Bureau of Education recommends that there should be in each school thruout the country at least one teacher who knows gardening both scientifically and practically. This teacher should be employed twelve months in the year, should teach elementary science in the school during the school hours and should, out of school hours direct the home gardening of the children between the ages of 10 and 15 years."—Bureau of Education Circular.

### GOOD REFERENCE BOOKS.

Two excellent reference books are "School Entomology" by Sanderson & Peairs, published by John Wiley and Sons, New York, and "First Course in General Science" by Barber, Fuller, Pricer and Adams, published by Henry Holt & Co., New York.

### NOTE.

The Journal of Education, October, 1917, will contain a revised prize list which will be generally used next year at the Provincial and County Exhibitions. Please get acquainted with it.

Seventy schools sent rural science exhibits to the County Exhibitions this year. Sixty schools exhibited locally. These, with the fifty-five represented at the Provincial Exhibition, make a creditable record. Deducting for schools which exhibited at more than one center, 150 different schools exhibited rural science material this year. Can we double this number next year? Begin now with that end in view. Read the prize list to the children as soon as possible.

### A SUGGESTIVE LETTER.

Belle Cote, Inverness Co., N. S.  
May 19, 1917.

Dear Mr. DeWolfe:—

As my last correspondence was somewhat lengthy, I shall take this opportunity to tell you about various plans to sustain interest among our pupils.

During the winter months, we organized and held a skating contest for our scholars. As many of the parents and others were present, some with teams, much enthusiasm prevailed. We had a description of this contest published in our county newspapers—"The Journal-Bulletin" of Port Hawkesbury, C. B., "The Greetings" of Port Hood and the French Acadian newspaper "L'Evangeline." I have the Roll of Honor of our school published monthly in these newspapers as well as the accounts of our entertainments, exhibitions, school closings, Empire Day celebrations, etc.

If it may benefit other teachers, I wish to add that at the end of each month, I give a prize to the most progressive pupil in each grade, and we find that this brings about splendid results. These little prizes are sent to me gratis by various companies as "The International Harvester Co.," "The Massey Harris Co.," "Goold, Shapley and Muir, Ltd.," Brantford, Ont., and the various other companies which advertise in the Family Herald and Weekly Star and other papers. These prizes are such advertising matter as advertising lead pencils, pens, erasers, maps, tape measures, watch fobs, mirrors, etc.

The Secretary of Immigration, Mr. Barnstead, has also sent me for monthly prizes 6 beautiful colored maps of Nova Scotia, and The Departments at Ottawa send various illustrated publications as "Atlas of Canada" from The Dept. of The Interior.

I have given such monthly prizes ever since I began teaching and should these few remarks and the following be deemed worthy of publication in the bulletin of Rural Science or elsewhere as a help to some of the profession, they may be used for this purpose. Our pupils have written letters to the Sunshine Corner of "The Daily Echo," and one of them Hattie May LeBlanc won a prize,—a pretty story book—in the letter writing competition.

I am enclosing two letters of other pupils to the above paper.

Our Trustees have recently had a convenient book-case or cabinet, with glass covers, placed in our school, where we have placed manual work, minerals, samples of fertilizers, etc., as well as government publications, books supplied by pupils and teachers, which the pupils take home on Friday evenings.

JOHN J. LeBLANC.

## CADET INSTRUCTION,

It is not known at time of going to press whether the usual Course to qualify male teachers as Cadet Instructors will be held during the months of July and August, 1918. We are unable at present to give any information regarding what courses may be given or what camps can be held for Cadet Corps during 1918. A definite announcement, it is hoped, will be made in the April *Journal*.

### Corps of School Cadet Instructors.

Teachers who have qualified as Cadet Instructors and who are actually instructing a bona-fide organized and gazetted Cadet Corps, will be appointed to the Corps of School Cadet Instructors with the rank of Lieutenant in the Militia. The mere fact of holding a Cadet Instructors' certificate will not, however, be considered sufficient qualification for according Lieutenant's rank in the C. S. C. I.

A Lieutenant in the Corps of School Cadet Instructors may be promoted to the rank of Captain after having held the rank of Lieutenant in that Corps for five years, and must during that time have instructed a Cadet Corps to the satisfaction of the Inspecting Officer, and must have also attended a further course of instruction in military training, and have obtained a certificate qualifying for the rank of Captain in the Active Militia.

Such further course of military training is not, however, to be taken until after the officer has instructed a Cadet Corps for the period of at least two years.

### Uniform for Corps of School Cadet Instructors.

**JACKET.**—Reefer of double breasted pattern of blue black cloth or serge, of ordinary civilian sack coat length; fastened in front by two rows of four buttons each, of Canadian Militia pattern.

Sleeves to be plain with two small buttons of Canadian Militia pattern at bottom of back seam. Shoulder straps blue cloth, with gilt metal rank badges.

**TROUSERS.**—Of serge to match color of jacket; no stripe at seams.

**CAP.**—Forage, N. P.

As an alternative the Khaki service Uniform, officers' pattern, may be worn. Uniform and equipment to be provided by the officers of the corps, as is done by other officers.

**Allowances to Cadet Instructors.**

For the training of a Cadet Corps during the school year, subject to the certificate of a Military Inspecting Officer that the Cadet Corps has been well instructed in the course of Military training laid down for it, an allowance of \$1.00 per Cadet may be paid annually to qualified Cadet Instructors under conditions as follows:—

(a) The above allowance will be calculated on the number of enrolled cadets present at the Annual Inspection, and in addition, those whose absence can be satisfactorily accounted for to the Inspecting Officer.

(b) In the case of a Cadet Corps authorized subsequent to 1st of March in any year, a proportion of the above allowance, if any, that may be paid, will be decided at Militia Headquarters.



**CADET UNIFORMS.**

The authorized Cadet Uniform consists of Felt Hat, Jacket, Service pattern of Khaki Serge or Olive Green Denim; Breeches, semi-riding; Serge Puttees or Khaki Stockings. Hats and Belts are furnished by the Department of Militia and Defense. Jackets, Breeches and Puttees or Stockings are purchased by the Cadet Corps or individual members of the Corps. The prices are henceforward as follows:

Suits: Denim—\$3.00 to \$3.85 according to size.  
 Serge —\$4.50 to \$5.35                   "                   "  
 Serge Puttees 60 cents per pair.  
 Khaki Stockings 40 cents per pair.

This illustration of the uniform is from a photo of a sealed pattern furnished Messrs. Clayton & Sons of Halifax, N. S., by the Militia Department. For detailed description see page 82, April *Journal of Education*, 1913.

### Cadet Corps in Schools.

It is to be regretted that in some High Schools and Academies the opportunity for the organization and carrying on of a Cadet Corps is not embraced. The fact that schools in which are the most efficient Cadet Corps, usually stand highest also in scholarship attainments, is not only an answer to those who say they have no time for such work but should be an added incentive to the carrying on of this very important branch of education.

School Boards should also realize that definite bargain has been made with the Militia Department, and financial assistance received from that Department for our teachers in both Physical and Military drill, in consideration of the encouragement of Cadet Corps in the schools. Some schools are living up to the agreement. Others are profiting by the increased efficiency of the teachers in physique and disciplinary ability imparted by the Physical Training Courses which they have undergone, but are not successful in completing their side of the bargain by organizing a Cadet Corps in their school.

It is hoped that the present crisis will not in any way affect the training and drill of all Cadet Corps, but that it will have the effect of even more interest being taken in the work.

Cadet Corps should commence training immediately after schools reopen, especially those corps in Rural Districts where no drill hall is available.

The program of training for 1917-1918 includes:—

1. Physical Training, (Syllabus of Physical Exercises for Schools).

2. Scout Training.—(a) Scouting, Reconnaissance, Patrolling, (Canadian Boy Scout); (b) Signalling, Semaphore; (c) Map Reading and Field Sketching, Chapter IV; (d) Engineering, Manual of Field Engineering, Chapter X; Field Geometry, Section 57; Field Kitchens, Sec. 59; Water Supply, Sec. 61; Purifying Water, Sec. 63; Latrines, Sec. 67.

3. Infantry Training.—Squad and Company drill, Company in Attack, Protection on the March and at Rest, Rifle Exercises where possible and Ceremonial. (Infantry Training, 1911).

4. Musketry.—Musketry and Judging Distance up to 800 yards. (Musketry Regulations, Part 1).

In all those branches theory should be mixed with practise, and an intelligent co-operation of all ranks, rather than mere

mechanical perfection aimed at. Taking up the various branches together thus giving variety, will add much to the interest of the course.

**Note:** All information with reference to organization and formation of Cadet Corps can be obtained, and a visit paid if requested, from the Organizer and Inspector of Cadet Corps, for Military District, No. 6, Dennis Building, Halifax, N. S.

**Sub-Target Gun Machines.**

(1) It is the desire of the Militia Department to place sub-target gun machines in those educational institutions which may have a teacher qualified as a military instructor.

(2) The space required in which to set up a sub-target rifle machine is 61½ feet from the center of the base of the target, plus 5 to 10 feet for the recruits and instructor.

In many cases this accommodation is not available and it is suggested that these machines might be usefully employed in smaller space by,

(a) placing the target at the prescribed distance outside the building and aiming thru a window;

(b) by placing the target beside or behind the machine and aiming at the reflection of the target in a mirror placed on the wall at half the prescribed distance.

(3) Forms for application for these machines may be obtained from the Organizer and Inspector, Cadet Corps, Halifax, N. S.

(4) When sub-target gun machines are out of working order, and the instructor is not able to make the repairs, a report to this effect should be made to the Senior Ordnance Officer, Halifax, N. S., so that an expert may be sent to place the machine in working order.

**Strathcona Prizes for Military Drill, 1916-1917.**

The following is a list of the Strathcona Trust Prizes awarded for Military Drill and the percentage of marks obtained in order of merit, as also the winners of the several other Trophies offered in competition during the School year.

No. 1	254	Cadet Corps, Windsor, N. S.,	Lieut. W. W. Judd*,	82...	\$60.00
No. 2	206	" "	Halifax, N. S., Capt. G. H. Huggins,	77...	50.00
No. 3	35	" "	Halifax, N. S., Lieut. S. A. Morton,	76...	45.00
No. 4	249	" "	Halifax, N. S., Mr. W. J. Johns,	75.....	40.00
No. 5	35	" "	Halifax, N. S., Capt. J. H. Trefry,	74.....	35.00
No. 6	266	" "	Kentville, N. S., Lieut. C. L. Wood,	72.....	25.00
No. 7	819	" "	Halifax, N. S., Lieut. G. R. Marshall,	71.....	25.00
No. 8	167	" "	North Sydney, Mr. Buchanan,	70.....	20.00
No. 9	219	" "	New Glasgow, Lieut. F. Macdonald,	69.....	15.00
No. 10	288	" "	Inverness, Capt. E. P. Morse,	68.....	15.00
No. 11	206	" "	Halifax, Lieut. E. J. Ross,	67.....	10.00
No. 12	35	" "	Halifax, Lieut. H. D. Brunt,	65.....	10.00
No. 13	306	" "	Sydney, Lieut. J. T. Archibald,	64.....	10.00
No. 14	233	" "	Yarmouth, Capt. A. W. Horner,	62.....	10.00
No. 15	232	" "	Liverpool, Capt. R. F. Morton,	61.....	10.00

\*This Cadet Corps was not instructed by a C. S. C. I. Officer this year; half the above grant only is allotted and to be devoted for the benefit of the Corps.

The following Cadet Corps also who have passed an efficient inspection have been awarded a sum of \$5.00 each toward the Cadet fund in each respective Corps, as arranged in alphabetical order.

272, C. C., Amherst, N. S.; 264, C. C., Annapolis; 285, C. C., Antigonish; 686, C. C., Bridgetown; 201, C. C., Bridgewater; 273, C. C., Chester; 258, C. C., Hazel Hill; 85, C. C., D. Coy., Halifax; 206, C. C., B. & D. Coys, Halifax; 149, C. C., Lunenburg; 117, C. C., Middleton; 707, C. C., New Aberdeen; 219, C. C., A. B. & D. Coys., New Glasgow; 622, C. C., Westville; 297, C. C., Sydney; 174, C. C., Truro; 308, C. C., A. B. C. & D. Coys., Sydney; 309, C. C., Westville; 110, C. C., Yarmouth.

**Note.**—85, C. C., 685, C. C., 713, C. C., passed an efficient Inspection but are ineligible to compete in the Strathcona Trust Competition.

**BRITISH EMPIRE COMPETITIONS.**

Cadet Orders by Major General T. Benson,  
Commanding Military District, No. 6.,  
Halifax, N. S., 15th September, 1917.

**The Imperial Challenge Shield Competition (Senior) 4.—1916 Results.**

Under the auspices of the National Rifle Association the following Annual competition was held thruout the Empire, for which Lieut. Col. W. Schumecher, of South Africa, generously gave a Silver Challenge Shield, Value £100-0-0, a Bronze Replica, as well as Silver and Bronze commemorative Medals, and £238-0-0, viz., £144-0-0 prizes, and £94-0-0 in money grants towards ammunition to unsuccessful teams.

Shot for on any day (except Sundays) between the 1st of April and the 30th of June, 1916, inclusive, on any range (open or covered) in any part of the British Empire.

The Awards to teams entered from M. D., No. 6, are as follows and arranged in order of merit:—

Order of Merit.	No.	Unit.	Strength of Team.	Average Scores.
87	No. 219	C. Corps, New Glasgow, N. S.	8	68
117	No. 306	C. Corps, Sydney, C. B.	8	69.8
157	No. 130	C. Corps, Rothesay, N. B.	10	57.7
175	No. 273	C. Corps, Chester, N. S.	8	55.5
186	No. 35	C. Battn., Halifax, A. Coy., (A Team)	9	54.1
205	No. 35	C. Battn., Halifax, A. Coy., (B Team)	8	50.6
211	No. 35	C. Battn., Halifax, B. Coy.	9	51.1
220	No. 319	Chebucto C. C., Halifax.	9	48.7
272	No. 506	The Sunny Brae C. C., N. B.	8	39
277	No. 149	The Lunenburg C. C., N. S.	9	37.7

**The Imperial Challenge Shield Competition (Junior).—1916 Results.**

Order of Merit.	Prize.	Unit.	Strength of Team.	Average Score.
35	£2-0-0	C. Coy., Halifax Common School C. C., (B Team)	8	75.1
38	£2-0-0	C. Coy., Halifax Common School C. C., (A Team)	10	74.1
47	No. 219	C. Corps, New Glasgow	8	72.3
114	No. 306	Sydney Academy, Cadet Corps	8	34
146	No. 130	Rothesay Coll. School, C. Corps	8	42.6
154	No. 308	St. Josephs School, C. C., Sydney, C.B.	11	39.9
185	No. 149	The Lunenburg Cadet Corps	9	22.2

There were 194 competing teams in the Junior Competition, and 823 teams in the Senior Competition.



ATLANTIC PROVINCES COMPETITIONS.

**Rifle Shooting.**—The Rifle Shooting this year has shown exceptionally splendid results, as almost every Corps where rifles were available, considerable increase in this branch has taken place. Over 25 Best Shot Badges have been awarded from the "Strathcona Fund" in the District and in addition the following Corps who competed in the Dominion Marksmen Clubs (which have only recently been organised) have won in all a total of 197 Bronze Medals, 69 Silver Medals, and 26 Gold Medals, making a total of 292 Medals, for Returns handed in up to 30th June, 1917.

Record of Shooting of Dominion Marksmen Clubs organised in Cadet Corps in the Maritime Provinces.

Town	Corps	Members	Bronze Winners	Silver Winners	Gold Winners	Total
Chester.....	273	16	9	3	0	12
Fredericton.....	242	24	17	3	1	21
Halifax.....	35	65	20	5	3	28
Middleton.....	117	43	4	0	0	4
Moncton.....	560	27	11	3	0	14
Milltown.....	670	29	12	2	0	14
New Glasgow.....	219	59	48	30	13	91
North Sydney.....	167	41	2	0	0	2
Rothsay.....	130	71	31	13	5	49
St. Stephen.....	304	70	26	10	4	40
Sussex.....	714	49	2	0	0	0
Sydney.....	306	32	9	0	0	0
Truro.....	174	23	6	0	0	6
Totals.....			197	69	26	292

**Remarks on Cadet Work 1916-1917.**—Notwithstanding the serious strain and responsibility again caused by the present crisis, I am glad to be able to congratulate the Cadet Instructors, Officers and Cadets of the respective Cadet Corps in M. D., No. 6, for the very creditable manner in which during the past year this splendid work of Physical Training, Military Drill and Rifle Shooting has been carried on.

The fresh zeal and enthusiasm exerted by the respective Educational and School Board authorities thruout the provinces have given a new impetus to all concerned in the Cadet Movement, increasing very materially this noble work amongst the youth of our Dominion. Many new corps in each province have been formed during the past year and a considerable increase in the number of boys enrolled. This in itself is highly satisfactory. It is therefore anticipated that still further interest will be taken in the work this school year and that under no circumstances will the boys be deprived of the mental, moral, and physical advantages to be derived from being associated and connected with a Cadet Corps, and also to receive the discipline which the training and carrying on of each work embody, and without which it is practically universally admitted no Educational training of any kind is of real value.

I might here once again refer to the splendid services and noble contribution Canadian Boys have already given, and still continue to give to the service of the Empire in our National struggle for existence as a liberty and justice loving people. Many Ex-Cadet Boys are now serving with the Canadian Expeditionary Forces in all parts of Europe where the struggle is being waged and—alas—many of them have already given their lives in defense of a just and righteous cause, while still also many remain who have both won a name and fame for themselves and our Dominion of which all Canadians may proudly boast.

The National Service Campaign recently organised also claims hundreds of our Cadets who engaged during the Harvest months in this great campaign of industry, and thousands of National Service certificates have been awarded.

The following Competitions this year thru the generosity of several public spirited citizens also took place. Such interest being taken in the work has created a splendid spirit of rivalry amongst the several Corps, which it is earnestly hoped may still be further exemplified during the school year 1917-18.

**Nova Scotia Battalion Trophy**—"The Benson Cup" contributed by Major General T. Benson, G. O. C., M. D. No. 6, for the smartest, neatest and best drilled Cadet Battalion in the Province of Nova Scotia at the Annual Inspection of Cadets each year. The cup is to remain in the custody of the Battalion Commander for one year, or until won again by the same Cadet Battn. or other Cadet Battn. competing in the Province. Whenever the Cup is won by the same Cadet Battn. at Three Annual Competitions not necessarily consecutive, it becomes the property of the said successful Cadet Battalion.

**Annual Empire Day Parade**—"Parade Trophy" contributed by Colonel W. E. Thompson, A. A. G., M. D. No. 6, for the Cadet Company which joins in an Annual Empire Day Parade at Halifax, N. S., and exhibits the smartest appearance, and displays the best marching order on the occasion. The same conditions apply to the winner of the Prize as provided for in the "Benson Cup" except that the prize is open to the respective Companies competing, instead of the Corps, and will be retained by the Company while entitled to same.

#### Prize Winners 1916-1917.

Nova Scotia—The Benson Cup, awarded to No. 35 Cadet Battalion, Halifax County Academy.

New Brunswick—The McLean Cup, awarded to No. 132 St. Andrews Church Cadet Corps, St. John, N. B.

Nova Scotia—The Thompson Trophy, awarded to 249 The Industrial School Cadet Corps, Halifax, N. S.

P. E. Island—The Brown Cup, awarded to No. 148 The Queens Square School Cadet Corps.

**Notice.**—The Mayors of Windsor and Kentville, N. S., have generously offered a Trophy for local competition, and Mr. Palmer, Photographer, of Windsor, N. S., has also offered a "Cup" for the best drilled Corps in Windsor.

It is hoped many other competitions both Provincial and Local, will be announced during the present school year.

**Important.**—The O. & I. Cadet Corps, M. D., No. 6, would appreciate, if each Instructor, when sending in his First Monthly Report for work done by Cadet Corps, would state his weekly drill day or days, so that the Inspector may arrange his visit to each Corps on that Drill Day. It is requested once again that Monthly Reports be sent in punctually, as the O. & I. C. C. bases his Monthly Report to Headquarters, Ottawa, on the information contained therein.

☞ All correspondence should be attended to promptly, and communications in all matters touching Cadet Work, and Physical Training, should be addressed to:—

The O. & I. Cadet Corps, M. D. No. 6.  
Dennis Building, Halifax, N. S.

**R. Robnson Black, Capt.**

*O & I. Cadet Corps, M. D. No. 6.*



## PHYSICAL TRAINING.

### Strathcona Physical Training Prizes, 1918.

The present twelve inspectorates of the Province are the Provincial sub-divisions for supervision of, and competition in Physical Training for the Strathcona prizes which will be apportioned for 1917-18 to each inspectorate in proportion to the annual school enrolment of the previous year.

The inspector shall award the prizes for physical training within his own inspectorial division. The total amount of each prize shall be paid to the teacher who shall apply *one third*, with the approval of the inspector and trustees, to some appropriate object to be permanently displayed in the school room as a memento. The following list of competition sub-divisions and prizes in each inspectorial division is announced for the present school year, 1917-1918.

No. 1. Total amount to be divided into two equal sums.

(1) One half to Halifax City and Dartmouth in ten equal prizes.

(2) One half to Halifax County in ten equal prizes.

No. 2. Eight prizes of equal value; five for Lunenburg County and three for Queens County.

No. 3. Two prizes of equal value to each of the four sub-divisions: (a) Yarmouth, (b) Argyle, (c) Barrington and (d) Shelburne.

No. 4. Eight prizes of equal or nearly equal value, viz. two prizes for each of the four Commissioners' Districts in the Division.

No. 5. Two equal prizes, open to teachers of ungraded schools in Kings Co. Two equal prizes, open to teachers of ungraded schools in Hants West. Two equal prizes for the best department of two-department schools, open to all such schools in the entire inspectorate. One prize for the best department of all schools of more than two departments, open to all such schools in the entire inspectorate. Sections with Cadet Corps excluded.

No. 6. Two prizes, first and second to each of the Districts of Antigonish and Guysboro; and one, a first, to the District of St. Mary.

No. 7. Six prizes of equal value; three for Inverness South District and three to Richmond District.

No. 8. Inverness North, four prizes. Victoria County, three prizes.

No. 9. Six prizes of equal value; three for Pictou East, and three for Pictou West. Sections where active Cadet Corps are in existence will be barred from competition.

No. 10. Eight prizes of equal value. Three for the incorporated towns, one of which will be for grades I to III inclusive, one for grades IV to VI inclusive, and one for grades VII to XII. Two prizes to the graded schools not included in the above. Three prizes to the rural (ungraded) schools.

No. 11. Two-thirds of the total amount to be awarded to the graded schools of the Division in ten prizes in the proportion of 19, 18, 17, 16, 15, 14, 13, 12, 11 and 10; and one-third of the total amount to be awarded to the ungraded schools of the Division in six prizes in the proportion of 15, 14, 13, 12, 11 and 10.

No. 12. Eight Prizes of equal or nearly equal value distributed as follows: Three for South Colchester; Two for North Colchester; Two for West Colchester and two for East Hants. Sections having a Cadet Corps will be excluded.

#### STRATHCONA PRIZES FOR EXCELLENCE IN PHYSICAL TRAINING, SCHOOL YEAR ENDED JULY 1917.

List of Strathcona Prize Winning Schools in each County of Nova Scotia arranged according to Inspectorial Divisions for the School Year ended July, 1917.

**Graham Creighton, Inspector, Division No. 1.** (City and County of Halifax).

Miss Edith Cunningham, Halifax.....	\$5.31
Miss Helen Denton, Halifax.....	5.31
Miss Mary E. Devine, Halifax.....	5.31
Miss Alma Grace Hoben, Halifax.....	5.31
Miss Mary C. Kennedy, Halifax.....	5.31
Sister Marie Bernard, Halifax.....	5.30
Miss Margaret Sullivan, Halifax.....	5.30
Miss Mabel Warner, Halifax.....	5.30
Miss Annie McPhail, Halifax.....	5.30
Miss Jessie A. Wolfe, Halifax.....	5.30
Miss Isa DeMing, Moser River.....	5.31
Miss Emma A. Higgins, Cooks Brook.....	5.31
Miss Catherine M. Scott, Herring Cove.....	5.31
Miss Kathryn Martin, West Sheet Harbor.....	5.31
Miss Minnie Naufts, Pleasant Point.....	5.31
Miss Myrtle F. Thompson, West Petpeswick.....	5.30
Miss Elsie McPhee, French Village.....	5.30
Miss Gladys Jean Horton, Middle Musquodoboit.....	5.30
Miss Stella Hilchie, Windsor Junction.....	5.30
Miss Mildred C. Shurman, East Sheet Harbor.....	5.30

**\$106.10**

**H. H. MacIntosh, Inspector, Division No. 2.** (Lunenburg and Queens).

Miss Gladys Durland, Riversdale, Lunenburg .....	\$8.44	
Mrs. Flora Curran, Oakland, Lunenburg .....	8.44	
Miss Eva Rafuse, Lunenburg, Lunenburg .....	8.44	
Miss Rhoda Ernst, Riverport, Lunenburg .....	8.44	
Miss Grace Conrad, S. Gold River, Lunenburg .....	8.44	
Miss Winnie Freeman, Caledonia Corner, Queens .....	8.44	
Miss Alice Bryden, Mill Village, Queens .....	8.44	
		\$ 59.08

**C. Stanley Bruce, Inspector, Division No. 3.** (Shelburne and Yarmouth).

Miss Jeanette d'Entremont, Lower West Pubnico, Yarmouth .....	\$6.23	
Miss Mary E. Mills, Tusket, Yarmouth .....	6.23	
Miss Gladys H. Hines, Arcadia, Yarmouth .....	6.23	
Miss Agnes Moses, Brooklyn, Yarmouth .....	6.23	
Mr. Donald S. Lent, Woods Harbor, Shelburne .....	6.23	
Miss Maud B. Baker, Port LaTour, Shelburne .....	6.23	
Miss Gladys R. McGinn's, Shelburne, Shelburne .....	6.23	
Miss S. Beatrice Crowell, Lower Ohio, Shelburne .....	6.23	
		\$ 49.84

**Mayhew C. Foster, Inspector, Division No. 4.** (Digby and Annapolis).

Miss Sarah R. Bent, Forest Glade, Annapolis .....	\$6.63	
Miss Effie M. Potter, Lawrencetown, Annapolis .....	6.64	
Miss Annie L. Jackson, Bear River, Digby .....	6.64	
Miss E. Hortense Griffin, Granville Center, Annapolis .....	6.64	
Miss Bessie G. Thurber, Freeport, Digby .....	6.64	
Miss Catherine M. Thibodeau, Doucetteville, Digby .....	6.64	
Miss Rose A. Melanson, St. Bernard, Digby .....	6.64	
Miss Mary Alice Deveau, Corberrie, Digby .....	6.64	
		\$ 53.10

**E. Robinson, Inspector, Division No. 5.** (Kings and Hants West).

Miss Stella E. Fox, Chipman Corner, Kings .....	\$7.95	
Miss Bertha O. Cropley, Kingston, Kings .....	7.95	
Miss Grace A. Porter, White Rock, Kings .....	7.71	
Miss Reta Young, Summerville, Hants .....	7.95	
Miss Helena Lantz, Cheverie, Hants .....	7.94	
Miss Annie E. Sweet, Windsor, Hants .....	7.71	
		\$ 47.21

**A. G. Macdonald, Inspector, Division No. 6.** (Antigonish and Guysboro).

Mr. Walter Ambrose Petipas, West Tracadie, Antigonish .....	\$8.10	
Miss Elsie McIntosh, Union Center, Antigonish .....	6.64	
Miss Mary Strahan, Lower White Head, Guysboro .....	8.10	
Miss Isabel M. Bradshaw, Mulgrave, Guysboro .....	6.64	
Miss Flora Cameron, Sherbrooke, Guysboro .....	8.10	
		\$ 37.58

**M. J. T. Macneil, Inspector, Division No. 7.** (Inverness South and Richmond).

Sister St. Olga, Port Hood, Inverness .....	\$5.27	
Miss Annie M. McDonnell, Dumbarton, Inverness .....	5.27	
Miss Lucy J. Campbell, Smithville, Inverness .....	5.27	
Sister St. Firmine, Arichat, Richmond .....	5.27	
Miss Jeanne Boudreau, D'Escousse, Richmond .....	5.27	
Mr. James D. Britten, Poulamond, Richmond .....	5.27	
		\$ 31.62

**James MacKinnon, Inspector, Division No. 8.** (Inverness North and Victoria).

Miss Mary E. Coady, Margaree Forks, Inverness.....	\$4.50
Miss Cecilia Doucet, Grant Etang, Inverness.....	4.50
Miss Mary Ann AuCoin, St. Joseph du Moine, Inverness....	4.50
Miss Annie R. LeBlanc, Friar's Head, Inverness.....	4.50
Miss Catherine M. LeBlanc, Ingonish Ferry, Victoria.....	4.50
Miss M. Agnes Macdonald, Iona, Victoria.....	4.50
Miss Margaret M. McKenzie, West Middle River, Victoria..	4.50
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	\$ 31.50

**E. L. Armstrong, Inspector, Division No. 9.** (Pictou).

Miss Ada S. MacDonald, (West).....	\$7.70
Miss M. Alfreda Barry, (West).....	7.69
Miss Margaret E. MacCara, (West).....	7.69
Miss Ruth G. MacLellan, (East).....	7.69
Miss Annie E. Harris, (East).....	7.69
Miss Mary A. Gunn, (East).....	7.69
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	\$ 46.15

**Inglis C. Craig, Inspector, Division No. 10.** (Cumberland).

Miss Hazel Coates, North Wallace.....	\$7.68
Miss Hazel DeWolfe, Upper Linden.....	7.68
Miss Mamie Smith, Glenville.....	7.68
Miss Elva Hennesey, Joggin Mines.....	7.68
Miss J. Aileen Henderson, River Hebert.....	7.67
Miss Ruth Terrier, Amherst.....	7.67
Miss Annie MacKenzie, Springhill.....	7.67
Miss Florence Chisholm, Oxford.....	7.67
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	\$ 61.40

**T. M. Phelan, Inspector, Division No. 11.** (Cape Breton).

Miss Cecilia I. McLeod, North Sydney, (Graded).....	10.06
Miss Josephine MacKenzie, Sydney, (Graded).....	9.54
Sister St. Marcella, New Waterford, (Graded).....	9.01
Miss Eva C. Kavanagh, Alder Point, (Graded).....	8.47
Miss Violet E. Bown, North Sydney, (Graded).....	7.94
Miss Hattie I. Outhouse, Old Bridgeport, (Graded).....	7.42
Miss Lottie M. Morrison, Sydney, (Graded).....	6.89
Miss Mary I. Porter, Port Morien, (Graded).....	6.36
Miss Geraldine O. E. Ritcey, Glace Bay, (Graded).....	5.83
Miss Margaret MacIsaac, Sydney Mines, (Graded).....	5.31
Miss Elizabeth J. Cash, Ball's Bridge, (Ungraded).....	7.69
Miss Mary S. Ley, Upper Leitch's Creek, (Ungraded).....	7.18
Miss Agnes Macdougall, Mill Creek, (Ungraded).....	6.66
Miss Margaret M. MacLeod, South Head, (Ungraded).....	6.15
Miss Mary C. MacKenzie, Big Beach, (Ungraded).....	5.64
Miss Katie A. Macdonald, Broughton, (Ungraded).....	5.18
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	\$115.25

**W. R. Campbell, Inspector, Division No. 12.** (Colchester & Hants East).

Miss Amelia J. Cox, Upper Stewiacke, Colchester.....	\$6.00
Miss Lena Bambrick, Salmon River, Colchester.....	4.00
Miss Ida B. Carver, Lower Onslow, Colchester.....	3.34
Miss Mattie Harris, Murphy's, Colchester.....	6.00
Miss Elsie McNutt, Mill Brook, Colchester.....	4.00
Miss Mary I. O'Connell, Londonderry, Colchester.....	6.00
Miss Augusta Daniels, Central Economy, Colchester.....	4.00
Miss Lizzie Smith, Noel Shore, Hants.....	6.00
Miss Nellie Trevo, Selmah, Hants.....	4.00
Miss Esther Drysdale, East Tenecape, Hants.....	3.34
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	\$ 46.68

**Physical Training Imperative in all Schools.**

Altho third class teachers are not required to have a certificate of qualification to give physical training in school as it should be given, they are nevertheless required to qualify as far as possible, and to give the exercises most suitable to the conditions of the school from the prescribed text. This is one of the health precautions imperative in every school.

Every teacher of class higher than third must satisfy the Inspector that exercises suitable to the conditions of the school are being regularly given to the pupils according to the prescribed text. Neglect or inefficiency in this respect on the report of the Inspector will render the teacher liable to a reduction of Provincial Aid to the next lower class.

Physical Training is more than mere recreative exercises. It is an educational subject and should take its place in the time table of each school. A Physical Training lesson, consisting of a complete table and occupying at least twenty minutes, should be taught two or more times per week.

To assist the Inspectors in making the allotment of Prizes for Physical Training from the Strathcona Trust, a report in the subjoined form should be sent by each Principal (or Teacher in case of ungraded schools) to the Inspector on or before the 1st of June.

Report of Physical Training, in..... school  
 Section No..... District of..... for school year  
 beginning August, 191..

Name of Teacher.	No. of lessons P. T. per week.	No. of minutes per week given to recreative exercises.	Remarks.

.....Principal.

**Note.**—Column 2 "lesson" means the period of 20 minutes or more, devoted to teaching a Table of exercise.

Column 3, "Recreative Exercise" is the short break in each long period during which the pupils are vigorously put thru one or more familiar exercises.

### Physical Training Text Books.

In all the Schools of the Province, the Physical Training will follow the "Syllabus of Physical Exercises for Schools," Canadian edition, 1911, published by the Executive Council, Strathcona Trust. It is designed to furnish a uniform standard of training in this subject thruout the Dominion, and is practically a reprint of the Syllabus authorized by the British Board of Education.

The following amendments in the prescribed text should be noted:—

Table 30, group 5—The detail of this exercise is as follows: Arms forward—*Raise* Arms upward—*Swing* Arms forward—*Lower* Arms backward—*Swing*.

Table 64, group 1, (b).—"With Turning Feet—Change" is performed in four motions.

The explanatory Note should read "First the Left Foot is brought back, then the usual Right Turn is made in two motions. the Right Foot then lunges outward on the fourth motion."

Wherever the expression "Half Right (or Left) Turn" occurs as in Table 64 and following, Substitute "Right (or Left) *Inclining*."

### Physical Training Courses.

Physical Training Courses for teachers will be conducted at the Rural Science School, Truro, N. S., during the Mid-summer vacation. At least two hours drill per day will be required in these courses.

Candidates in these courses as well as at the Normal College, will be required to furnish themselves with gymnasium shoes and clothing appropriate to the work. Ladies who take the course will find that a one-piece dress which allows freedom of movement, will add greatly to the comfort of the pupil and success of the instruction.

#### GRADE "B" PHYSICAL TRAINING CERTIFICATES.

Normal College, Truro, N. S. (2 Feb., 1917 to 30 Apr., 1917).

9286—Mr. Joseph Morrow Scott.....	Truro.....	Colchester.
9287—Miss Jessie May Gillis.....	Broad Cove Marsh.....	Inverness.
9288—Miss Blanche Mildred Hamilton.....	Brookfield.....	Colchester.
9289—Miss Elizabeth Harvey.....	Wolfville.....	Kings.
9290—Miss Mabel Jane Irving.....	Shubenacadie.....	Hants.
9291—Miss Grace Evelyn Kaulbach.....	Conquerall Mills.....	Lunenburg.
9292—Miss Florence Swinburne Kent.....	Stewiacke.....	Colchester.
9293—Miss Esther Laurella Leslie.....	Spry Bay.....	Halifax.
9294—Miss Annie Marie MacDougall.....	Troy.....	Inverness.
9295—Miss Letitia Mildred McGill.....	Nuttyb.....	Colchester.
9296—Miss Bessie Estella MacGowan.....	Beech Hill Farms.....	Queens.
9297—Miss Greta May McElhinney.....	Glenholme.....	Colchester.
9298—Miss Kathryn Margaret MacInnes.....	West Bay.....	Inverness.
9299—Miss Annie Johnstone.....	Leitche's Creek.....	Cape Breton.

9300	Miss Mabel Christine MacInnis	Ballantyne's Cove	Antigonish.
9301	Miss Grace Darling MacKay	Sandy Cove	Digby.
9302	Miss Florence MacLennan	River John	Pictou.
9303	Miss Neva Annie MacLeod	Pugwash Junction	Cumberland.
9304	Miss Cassie Anna Martin	Orangedale	Inverness.
9305	Miss Gladys Viola Mailman	New Albany	Annapolis.
9306	Miss Katherine Anna MacPherson	Lakedale	Guysboro.
9307	Miss Maud Evelyn Morrell	Freeport	Digby.
9308	Miss Perle Taylor Morrison	Gabarus	Cape Breton.
9309	Miss Elizabeth May Morton	Jordan Falls	Shelburne.
9310	Miss Mabel Elizabeth MacNeill	Whitney Pier	Cape Breton.
9311	Miss Reta Geraldine Nickerson	Pubnico Beach	Shelburne.
9312	Miss Marion Ethel Oliver	Meteghan Center	Digby.
9313	Miss Mary Alberta O'Toole	St. Peter's	Richmond.
9314	Miss Katharine Florence Ray	Lattie's Brook	Hants.
9315	Miss Myrtle Sara Ritchie	Auburn	Kings.
9316	Miss Effie May Robinson	Walton	Hants.
9317	Miss Kathleen Vivian Sanford	Falmouth	Hants.
9318	Miss Alice Romaine Slack	Londonderry Stat.	Colchester.
9319	Miss Minerva Grace Smith	Athol	Cumberland.
9320	Miss Lillian Gertrude Stuart	Mulgrave	Guysboro.
9321	Miss Margaret Jane Sutherland	Pine Tree	Pictou.
9322	Miss Elizabeth Muriel Tucker	Tatamagouche Mtn.	Colchester.
9323	Miss Dora Vance	Masstown	Colchester.
9324	Miss Elva Marguerite Vincent	Tatamagouche	Colchester.
9325	Miss Vera Hazel Wagner	Central Port Mouton	Queens.
9326	Miss Greta Marion Webber	Oysterpond, Jeddore	Halifax.
9327	Miss Rheta Eliza Wilkie	Pentz	Lunenburg.
9328	Miss Elizabeth Atchison Woodworth	Milford Station	Hants.
9329	Miss Mary Rose Doucette	Quinan	Yarmouth.
9330	Miss Fedora Mary Saulnier	Mavilette	Digby.
9331	Miss Oda Theodora Bushen	West Dublin	Lunenburg.
9332	Miss Rachael MacDermid	Middle River	Victoria.
9333	Miss Mary MacIver	Lower Middle River	Victoria.
9334	Miss Katie Nicholson	Barachois Harbor	Cape Breton.
9335	Mr. Max Muller Munro	Bridgetown	Annapolis.
9336	Mr. Laurier Stewart Sarty	Laplaid	Lunenburg.
9337	Mr. Archie Don MacKinnon	Kirkwood	Inverness.
9338	Mr. Timothy Fougere	Halifax	Halifax.
9339	Mr. Peter McDonald	Fraser's Mills	Antigonish.
9340	Mr. Samuel Emerson Thurber	Freeport	Digby.
9341	Mr. Wilfred St. Clair Hiltz	Martin's River	Lunenburg.
9342	Miss Emma Genevieve Ahern	Havre Boucher	Antigonish.
9343	Miss Mary Bertha Ahern	Havre Boucher	Antigonish.
9344	Miss Ella Marie Anderson	Chapman Settlement	Cumberland.
9345	Miss Minnie Dunn Anthony	Kennetcook Corner	Hants.
9346	Miss Janie Archibald	Center Musquodoboit	Halifax.
9347	Miss Lenna Grace Darling Atwell	White Rock	Kings.
9348	Miss Bella May Austen	N. E. Margaree	Inverness.
9349	Miss Catherine Christie Austen	N. E. Margaree	Inverness.
9350	Miss Margaret Laura Blair	Laggan	Pictou.
9351	Miss Lily Boutillier	Caledonia Mines	Cape Breton.
9352	Miss Mary Bray	Conper Lake	Antigonish.
9353	Miss Laura Jane Buckler	Dalhousie West	Annapolis.
9354	Miss Mary Margaret Cameron	St. Peter's	Richmond.
9355	Miss Mabel Kathleen Courtney	Shubenacadie	Colchester.
9356	Miss Mary Creemar	Aylesford	Kings.
9357	Miss Alice Marguerite Crouse	Brookfield	Colchester.
9358	Miss Barbara Annie Fraser	McLellan's Mountain	Pictou.
9359	Miss Violet Edna Foster	Mattatall Lake	Colchester.
9360	Miss Muriel Annis Cann	Carleton	Yarmouth.
9361	Mr. Wilfrid Walter Glencross	Country Harbor Mines	Guysboro.
9362	Miss Mabel Lavinia Harpell	Wallace Bridge	Cumberland.
9363	Miss Martha MacNeill	Red Islands	Richmond.
9364	Miss Annie Ella Rice	Baddeck Forks	Victoria.

9365—Miss Annie Dora V. Corkum.....	Port Bickerton.....	Guysboro.
9366—Mr. Stephen F. Hall.....	Hampton.....	Annapolis.
9367—Miss Katherine Margaret MacIsaac.....	Lakedale.....	Guysboro.
9368—Miss Marguerite Blanche Oliver.....	Weymouth.....	Digby.
9369—Miss Jessie Margaret Amirault.....	Mid. West Pubnico.....	Yarmouth.
9370—Miss Emile Annie d'Entremont.....	West Pubnico.....	Yarmouth.

**Normal College, Truro, N. S., (30 July, 1917 to 8 Aug., 1917).**

9371—Miss Helen L. Clarke.....	Joggin Mines.....	Cumberland.
9372—Miss Evelyn R. Forsythe.....	Kentville.....	Kings.
9373—Miss Marion Jeffrey.....	Port Maitland.....	Yarmouth.
9374—Miss Elizabeth C. Littlewood.....	Ingomar.....	Shelburne.
9375—Miss Ethel A. M. MacKay.....	Balmoral Mills.....	Colchester.
9376—Miss Jessie Margaret McDonald.....	Inverness.....	Inverness.
9377—Miss Christena Isabelle MacDonald.....	Tatamagouche.....	Colchester.
9378—Miss Mary Isabelle O'Brien.....	Joggin Mines.....	Cumberland.
9379—Miss Edna D. Parker.....	Caledonia.....	Queens.
9380—Mrs. M. Carrie Self.....	Canso.....	Guysboro.
9381—Mr. Ronald Eugene Thurber.....	Bridgetown.....	Annapolis.
9382—Miss Agnes Gertrude Donahoe.....	Halifax.....	Halifax.
9383—Miss Mabel Coralie Brown.....	Melvorn Square.....	Annapolis.
9384—Miss Eileen Marie Boyle.....	Sydney.....	Cape Breton.
9385—Miss Anna Baillie.....	Westville.....	Pictou.
9386—Miss Millicent S. Baker.....	Barss' Corner.....	Lunenburg.
9387—Miss Katherine L. Campbell.....	Dartmouth.....	Halifax.
9388—Miss Alice Muriel Cavanagh.....	East Mines Station.....	Colchester.
9389—Miss Annie Sarah Cottenden.....	Springhill Mines.....	Cumberland.
9390—Miss C. Beatrice Crowe.....	Annapolis Royal.....	Annapolis.
9391—Miss Mary Clarissa Etter.....	Amherst.....	Cumberland.
9392—Miss Bessie E. Elliott.....	River John.....	Pictou.
9393—Miss Inez Jennette Fillmore.....	Amherst.....	Cumberland.
9394—Miss Emma Mae Foster.....	Springhill.....	Cumberland.
9395—Miss Evelyn U. Fox.....	Canning.....	Kings.
9396—Miss Ethel Fisher.....	Upper Musquodoboit.....	Halifax.
9397—Miss Jennie G. Grant.....	Moncton.....	Westmore- land.
9398—Miss Erema E. Hirtle.....	Oakland.....	Lunenburg.
9399—Miss Ethel Henderson.....	Avonport.....	Kings.
9400—Miss Jessie Henderson Higson.....	Stellarton.....	Pictou.
9401—Miss Mary Augusta Hunter.....	Oxford.....	Cumberland.
9402—Miss Amy Clara Louise Himmelman.....	Rose Bay.....	Lunenburg.
9403—Miss Olwen Gertrude Jones.....	Springhill.....	Cumberland.
9404—Miss Nellie Odessa King.....	Springhill.....	Cumberland.
9405—Miss Lillian Maude Lockhart.....	Brookfield.....	Colchester.
9406—Miss Constance Dorothy Martha Lansdell.....	Shubenacadie East.....	Colchester.
9407—Miss Lillian Maud Lingard.....	Tenecape.....	Hants.
9408—Miss Sara Elizabeth Longley.....	Paradise.....	Annapolis.
9409—Miss Catherine MacQuarrie.....	Dartmouth.....	Halifax.
9410—Miss E. Dell McCulloch.....	DeBert Station.....	Colchester.
9411—Miss Georgia Elspith McCabe.....	River Philip.....	Cumberland.
9412—Miss Laura Maude McDonald.....	Sheet Harbor.....	Halifax.
9413—Miss Jessie Catherine McKenzie.....	Sydney.....	Cape Breton.
9414—Miss Hilda MacKinnon.....	Sydney.....	Cape Breton.
9415—Miss Kathryn Campbell MacLachy.....	Hantsport.....	Hants.
9416—Miss Marion Nellie C. MacKay.....	West Earltown.....	Colchester.
9417—Miss Annie F. McKinnon.....	Bridgeport.....	Cape Breton.
9418—Miss Edith Lucy MacInnes.....	Sheet Harbor.....	Halifax.
9419—Miss Mary Maria MacDougall.....	West Gore.....	Hants.
9420—Miss Margaret M. MacDonald.....	Fraser's Mills.....	Antigonish.
9421—Miss Margaret Ellen MacCara.....	Scotsburn.....	Pictou.
9422—Miss Ruth MacDonald.....	MacPherson's Mills.....	Pictou.
9423—Miss Gertrude Lilian Murphy.....	St. Peter's.....	Richmond.
9424—Miss Norma Nickerson.....	Lower Woods Harbor.....	Shelburne.



9425	Miss Verna Nickerson	Lower Woods Harbor	Shelburne.
9426	Miss Martha Morrison Peppard	Great Village	Colchester.
9427	Miss Beatrice Irene Penny	Sydney	Cape Breton.
9428	Miss Ida May Poole	Bridgetown	Annapolis.
9429	Miss Marie Eva Robichaud	Cape St. Mary's	Digby.
9430	Miss Mary Edith Smith	Glenholme	Colchester.
9431	Miss Sadie Suttis	Bass River	Colchester.
9432	Miss Helen W. Stephens	Tenecape	Hants.
9433	Miss Ida Myrtle Slack	Athol	Cumberland.
9434	Miss Bertha Mae Smith	Nappan Station	Cumberland.
9435	Miss Lizzie Matilda Smith	Nappan Station	Cumberland.
9436	Miss Evelyn Maude Schofield	Canning	Kings.
9437	Miss M. Grace Walley	Newport	Hants.
9438	Miss Ethel G. Walker	Joggin Mines	Cumberland.
9439	Miss Eva Whitman	Lawrencetown	Annapolis.
9440	Miss Marie Evelyn Wells	Pugwash	Cumberland.
9441	Miss Winnifred Grace Wilson	Springhill	Cumberland.
9442	Miss Jessie Blair Wyllie	Glenholme	Colchester.
9443	Mr. Rod. F. MacDonald	Springhill	Cumberland.
9444	Mr. Theodore Page	Rockland	Shelburne.
9445	Mr. Benedict M. Matheson	Halifax	Halifax.
9446	Mr. Ray L. Coldwell, B. A.	Gaspereaux	Kings.
9447	Mr. Alexander J. McDonald	Fraser's Mills	Antigonish.
9448	Mr. Laurence M. Sommer	West Gore	Hants.

**Mount St. Vincent Academy (20 August, 1917, to 5 September, 1917).**

9449	Sister M. Isabelle	(Mary Celina Amirault).
9450	Miss Katherine Brown	
9451	Miss Josephine Collins	
9452	Miss Agnes Martha Connors	
9453	Sister M. Leonita	(Margaret Mary Delaney).
9454	Sister Mary Michael	(Murilla Devereux).
9455	Sister Maria Loretto	(Helen Josephine Devine).
9456	Miss Clara Agnes Egan	
9457	Sister Maria Eulalia	(Catherine Loretto Gouthro).
9458	Miss Rita Agnes Hawes	
9459	Miss Kathleen Hayes	
9460	Miss Agnes Mary Herlihy	
9461	Sister Catherine Gerard	(Catherine Elizabeth Herlihy).
9462	Sister Helen Gertrude	(Mary Louise Johnson).
9463	Miss Lucy Lily Kravis	
9464	Sister Maria Stella	(Mary Teresa Kennedy).
9465	Miss Margaret Mary Levandier	
9466	Sister Francis Louise	(Laure Clotilde L'Esperance).
9467	Sister Maria Andrea	(Irene Margaret McGuinness).
9468	Sister Maria Austin	(Mary Emma McIntosh).
9469	Sister Mary Ruth	(Stella Maris McLeod).
9470	Miss Mary Grace McMullin	
9471	Sister M. Alban	(Mary Katherine McMullin).
9472	Sister M. Lucille	(Alma Lillian Miles).
9473	Miss Agnes Norris	
9474	Sister M. Theodore	(Lydia Roy).
9475	Sister M. Ignace	(Terese Josephine Ryan).
9476	Miss Gertrude Katherine Tompkins	
9477	Sister Teresa Louise	(Ruth Beatrice Van Wart).
9478	Miss Mary Teresa Amirault	
9479	Miss Genevieve Bernardine Barry	
9480	Sister M. Alexina	(Linda Cecilia Calnan).
9481	Sister M. Jeromina	(Catherine Campbell).
9482	Sister Cecelia Lawrence	(Catherine Connell).
9483	Miss Kathleen Elizabeth Connors	
9484	Sister M. Crescentia	(Margaret Mary Doherty).
9485	Sister M. Canisius	(Minnie Elizabeth Flannery).
9486	Miss Julia Ann Franey	



## PUBLIC SCHOOL PROGRAM.

201. Three distinct terms seem to be needed:

- (1) *Program of studies*, which includes all the studies in a given school;
- (2) *Curriculum*, which means the group of studies schematically arranged for any pupil or set of pupils;
- (3) *Course of study*, which means the quantity, quality and method of the work in any given subject of instruction.

Thus the *program* of studies includes the *curriculum*, and may indeed furnish the material for the construction of an indefinite number of curriculums. The *course of study* is the unit, or element, from which both the program and the curriculum are constructed.

202. The public school program may be considered under its sub-divisions of the common school program and the high school program. These furnish a basis for the classification of pupils by the teachers and for the examination of schools by the inspectors; while they also secure a definite co-ordination of all the grades of work attempted in the public schools, thus fostering the harmonious interaction of the various educational forces of the province.

These programs are to be followed in all schools, particularly with reference to (1) the order of succession of the subjects and (2) the simultaneity of their study. The fulness of detail with which they can be mastered in each school must depend upon local conditions, such as the size of the school, the number of grades assigned to the teacher, etc. As suggestive to teachers with little experience, contracted forms of the detailed common school program for miscellaneous and partially graded schools are appended.

The public school program developed originally from the traditional systems of Great Britain and the earlier Eastern States of America, is the result of the observation and experience of representative leading teachers of the province, under the suggestion of the experiments of other countries, and the criticism of our teachers in provincial conventions assembled for many years in succession. A system developed in such a manner must necessarily in some points be a compromise, and presumably therefore at least a little behind what we might expect from the few most advanced teachers. But it is also very likely to be a better guide than the practise of a majority mechanically following methods which do not adapt themselves to changing conditions, and which vary merely according to the accident of local and uncoordinated caprice. The orderly development of each study is intended to keep pace with the child's mental growth while the simultaneous progression of studies is designed to prevent monotony and one-sidedness, to render possible the orderly and systematic organization of knowledge, and to produce a harmonious and healthy development of the physical, mental and moral powers of the pupil. The apparent multiplicity of the subjects is due to their sub-division for the purpose of emphasizing leading features of the main subjects which might otherwise be over-looked by inexperienced teachers. The courses have been demonstrated to be adapted to the average pupil under a teacher of average skill. The teacher is, however, cautioned to take special care that pupils (more especially any prematurely promoted or in feeble health) should not run any risk of "over-pressure" in attempting to follow the average class-work.

Any subject deemed desirable on account of local conditions may be added to the general program by the local school board with the approval of the Education Department.

Changes in these courses of study must always be expected from year to year, but to a very small extent it is hoped, except in the prescription of certain texts in the high school program. These will be published from time to time in the bulletin of the Department, the **Journal of Education**, published in April and October of each year.

### GENERAL PRESCRIPTIONS.

**203.** To make the best use of the program, the teacher must interpret it not as a mere list of perfunctory studies but as an endeavor to indicate the nature and scope of such intellectual, moral, social, and physical activities as are calculated to fashion satisfactory types of Canadian manhood and womanhood. He must regard his duty as that of cultivating human beings, not merely teaching "subjects." He must, accordingly, keep in mind that culture comes not so much thru knowing as thru feeling and doing; that education is not so much a process of instructing as of directing the activity of childhood and the growth of desirable personality.

In respect of method, the teacher must convince himself that the healthiest and surest growth comes thru self-activity, and that self activity—the spontaneous activity of the child—can be derived only thru interest. Interest in a subject or phenomenon being, in its turn, dependent upon the child's stock of ideas or experiences cognate to the ones sought to be presented, it follows as a principle of the highest importance that instruction should, wherever possible, proceed by the use and in the light of those concrete realities, experiences, facts, or ideas, already in possession of the child or obtainable within his near environment.

No *written* exercise should be accepted from any pupil unless the evidence is clear that a serious and more or less successful attempt has been made to have the writing carefully neat, with due attention to good form in every detail—margins, paragraphs, indents, punctuation, spelling and grammar, etc. Otherwise, a possibly brilliant pupil may be accidentally developed into a bungler.

**204. Reading and Elocution.** Properly conducted, the reading lesson will influence beneficially all the recitation and conversation of the school, and will have a permanent effect upon the language of the pupil. The teacher should, in the first-place, see to it that his own speech and reading furnish an example of deliberate, well-uttered language, and of meaningful, expressive reading. He must, therefore, cultivate the power of hearing himself as well as his pupils; and he must be constant in the correction of faults of utterance, tone, and expression. Correct accentuation is but a slight element in the pronunciation of a word. Faults of pronunciation will be found to consist more often in false quality of vowels, suppressed or obscured syllables, nasality, and throatiness. The teacher should never leave his desk in order to catch what a pupil has read or spoken. It is the pupil's business to make himself heard by the whole school. In so doing, he will have, too, all the better opportunity to hear his own voice and to profit by criticism. Easy but correct bodily posture is important.

It should not be overlooked that a reading book loses interest with each review. Accordingly, where it is not intended to use a supplementary book, it is better that the reading should proceed with thoroughness and with only moderate rapidity.

The emotional and literary element in the prescribed readers increases with each grade. This is of purpose. The reading-class is a literature class, and is intended to provide a medium for emotional expression. In this connexion, the careful study and memorizing of choice passages suitable to each grade is important. These, thru study, contemplation, and recitation, will not only give pleasure and afford training to the learner, but will serve later as touchstones of literary merit. In high school grades, choice passages should be memorized and recited in every foreign language studied, from the earliest stage possible.

**205. Spelling and Dictation.** It must be kept in mind that spelling is learned solely for purposes of writing, and that ability to spell aloud is sometimes associated with inability to spell with a pen. Some pupils are ear-minded, some eye-minded. Drill them in writing from dictation, and confine effort to such words as are likely to be used. Practise in the early grades should center around the words and sentences of the reading lesson, with special attention to words of similar sound but different spelling. Learning word-lists with meanings has little value. Far better, practise the pupils in making expressions in which each of the words is properly used. While not called upon to teach any other forms of spelling than those of the school reading-books, the teacher should not mark down or in any way penalize a pupil who uses any spellings authorized in preceding numbers of the *Nova Scotia Journal of Education*. Special exercises should be provided for practise in all words which the pupil is likely to use in correspondence. The shorter or more phonetic authorized spellings are always preferred, as impliedly recommended by the Conference of the Education Departments of the British Empire, in London, 1911. (See Minute 24 of "Report of the Imperial Education Conference, 1911," as presented to the British Parliament and ordered to be published).

**206. English Language.** By the end of the sixth year, pupils should be able to express their thoughts grammatically, in finished sentences, and coherently. This result will be achieved, however, only where from the first grade onward the teacher is diligent in maintaining standards of correct thinking and speaking. An answer that is only a hint should not be accepted from a pupil; let him complete his statement. If his answer is a series of incomplete and disconnected thoughts, indicate to him a better order, a means of connexion. Following this practise, every lesson becomes in some measure a lesson in language, in oral composition. But do not correct the pupil while he is in process of thinking; and do not correct the same pupil too often or to the point of discouragement.

Written composition is not a distinct and separate subject. Where oral composition is attended to, the written composition is merely the added matters of penmanship, punctuation, capitals, and, later, paragraphs. Written composition attains its chief end in the common school when the pupil is able to write ordinary business, private and social letters, correctly and with the customary forms of courtesy. Written exercises should always be brief; otherwise, it is impossible to examine them. As far as practicable, errors or deficiencies should be merely indicated by the teacher, the correction or completion being assigned to the pupil as a new exercise.

**207. Writing.** The earliest efforts in making letters and words are efforts in drawing. At this stage, therefore, except for blackboard exercises, the finger movement must be relied upon. When the pupil's perception of the forms and connexions of the letters is fairly definite, transition should be made from the finger to either the wrist or the forearm movement—preferably to the latter. In the meantime, freearm practise should be given as indicated in the special prescriptions for grades II, III and IV. This movement requires that the whole length of the forearm be upon the desk, its weight resting upon the pad of muscle as the pivot upon which the arm should move.

Ornament, shading, and flourish in writing, are no part of the requirements. Penmanship must be pronounced excellent when the letters are correctly formed, when the movement is fluent, and when there is uniformity of hight and of slant.

There are twenty-six small letters and twenty-six capitals. Do not, therefore, increase the child's difficulties by introducing new or bizarre characters. Choose the simplest and most legible forms; use these and these only; and insist upon these being used by the pupils. Do not allow the school to see any untidy or careless writing on blackboard or elsewhere. Take pains with your own writing and be vigilant and exacting with pupils. If shorthand is taught, it should be the Sir Isaac Pitman system only.

**208. Drawing.** The purposes of school drawing are, (a) to develop in the pupil perception of form and color thru practise in reproducing these; (b) to

continuously increase his capacity for enjoyment of form, color, arrangement, etc., in nature, industry, and art; (c) to train him to use pencil and simple mathematical instruments to express on paper both approximately and with geometrical accuracy his conceptions of form and dimension, original and derived; and, conversely, to enable him to interpret sketch-plans and simple working-drawings.

Teachers lacking gift or training will do well to have some good drawing series as a guide; e. g., Augsburg's or Prang's series. Where the teacher's art is sufficient to make drawing attractive and interesting, no book is needed by pupils except a blank-book of coarse textured paper. But if the teacher's example and instruction fail to attract and hold, pupils should have a book of drawings of graduated difficulty. (The Ontario Teachers' Art Manual, 40 cents, is the latest and best text to be recommended to teachers).

**209. Arithmetic.** The first essential is accuracy in the fundamental processes; the second, rapidity in applying them; the third, clearness in expression. Absolute accuracy must be insisted on from the outset. Proceed slowly and only from thro mastery of what has gone before. Observe that the Unitary Method is not an end in arithmetical teaching; it is only the basis of those quick methods or rules which at the proper time should displace it. "Mental" arithmetic is the primary process, and it should be abundantly practised in every grade and with every sort of operation and problem.

Above all things, start from concrete objects, dimensions, relations and keep your problems for the most part within the field of the familiar and the generally useful. In this connexion, it will be found possible, by dealing with the problems of farm, trade, industrial process, shop, bank, etc., to impart incidentally a good deal of knowledge concerning costs and values, weights of substances, quantities of materials requisite in construction or decoration, and the like.

Note that a new lesson or process is never entirely new, even to the child. Last day's lesson, or some former lesson or experience may have prepared the child. In every new topic you introduce make use of the child's previous knowledge or experience. Note, also, that the approximate result of a problem should first be sought mentally; for the learner will thus be provided with an efficient corrective to glaring error in written calculation, especially if decimals are involved.

**210. Nature Study.** It is inherent in our character and our culture to desire to comprehend man's relations to the universe, organic and inorganic. Interest in nature is spontaneous, even in childhood. Again, material and social progress are concurrent with increase of knowledge and increased control of nature and natural agencies. Thus, we are furnished with two motives to nature-study—the purely cultural and the cultural-utilitarian. Whichever motive impels us, the one true method of study is thru direct contact and observation. The aim is not to amass *statements of fact* or even to gather *facts* about nature, but rather to cultivate an attitude toward nature, a disposition to inquire at first-hand, and a habit of caution in forming judgments about things.

In the early grades, the teacher need not bother much about consecutiveness and coherence in the lessons, or with trying to reveal the principles at the basis of phenomena. He may rest content with providing interesting material for observation; with bringing the child into the presence of phenomena appropriate to his powers of observation; with directing and maintaining attention; with stimulating inquiry; with encouraging his proprietorship and control of materials and forces. The time will come in the upper grades when the abundance and diversity of experiences in each department of observation—plant, animal, insect, mineral, physical—will permit and necessitate the grouping and systematizing of promiscuous knowledge into the inductions of elementary science. In the early grades, therefore, explanations do not need to, and should not, go far into causes. Causes and principles should be postponed until the circle of experiences in each connexion is large enough to permit of applying the processes of generalization and induction.

In the choice of topics and sub-topics in the several grades, the interests of the children, the availability of materials, and the natural features of the school district will largely govern the teacher. But preference should generally be given to biological rather than to purely chemical and physical phenomena; for the former, by making a larger call for originating power on the part of the teacher, will ensure a freshness of treatment and a spontaneity of interest mainly wanting where the teacher undertakes merely to reproduce the hackneyed topics of physics and chemistry text-books. In the upper grades, some purposeful attention should be given to the more obvious relations and applications of science to agriculture, horticulture, and other staple pursuits.

In schools where there is only one teacher, there should not be more than four grades of nature-study,—three will suffice. Further, it is to be observed that lessons designed chiefly for higher grades will prove in part intelligible and therefore profitable to the pupils of the lower grades.

**211. Geography and History.** The facts of geography and history—even of school geography and history—are too numerous and extensive to be memorized verbally. Both these studies should begin with the direct observation and consideration of the home-district. Comprehending the larger and more obvious features of his geographical and civic environment, the child will then be in a position to look wider afield. Beginning at home, geography and history may with profit continue to be a study of contrasts and comparisons of distant lands and of events remote in time with those of our own neighborhood, nation, and era.

In geography, facts will group themselves into three chief divisions; the dynamical and physical; those of locus and boundary; and those of society and industry. The latest and highest task will be that of discovering the relations between these three categories. In the upper grades, where the text-book is prescribed, the teacher must be cautious about accepting as knowledge the pupils' ability to reproduce the statements of the book. Here, too, the interpretation of the map should form one of the important exercises.

In the history of the highest grades, a few great events and dates in each succeeding epoch should be seized upon as waymarks of political and social progress, and as reminders of chronological order and lapse of time. Around these should circle the facts of dynasty, accession, war, treaty, discovery, invention, exploration, literary activity, etc. Endeavor to make the facts of history in each epoch reveal to the utmost the contrast with our own time in point of individual liberty, religious tolerance, democratic power and privilege, industry and commerce, means of communication, material comfort, and education. Current events, or occurrences of social, economic, or scientific import should be given the same serious attention as is given to the past.

**212. Manual Training.** In many schools the teacher will be able to set aside weekly a period varying from twenty minutes to one hour and a half for constructive exercises in paper, cardboard, wood; for needle-work or cookery; for modeling in clay or plasticine; for mounting natural history specimens; for shorthand. In the effort to put the whole child to school, manual or hand-and-eye-training counts for much. In cases where only the minimum time is taken from the school-day, teachers should encourage the pupils in home gardening, home needle work, construction of home-made articles, of apparatus, boxes for natural history collection, blank books for mounting plant specimens, etc.

**213. Moral and Patriotic Duties.** To be inculcated as enjoined by our religion, and as professed by the teacher in his application for license. Separate lessons need seldom be given, if the episodes of history and literature, passing events, the daily happenings of the school, and matters of personal example and conduct are properly utilized. Empire, Dominion and Arbor days afford special opportunity for dwelling upon the duties of the individual towards his home-district, his country, and his race. The publications of the Moral Education League may be found useful—6 Vork Buildings, Adelphi, London, W. C., England; also, of the Duty and Discipline Movement—117 Victoria Street, London, S. W.

*Good Manners* are one of the first and most conspicuous evidences of education. In only the smallest sense are they merely conventional and arbitrary. They are, in reality, founded upon an intelligent conception of our moral and social order. The power of self-effacement at the proper time; of physical control; of putting others at their ease and on good terms with us; of comporting oneself fittingly in public and towards age, youth, and rank; of giving precedence to women; of applauding merit no matter where found; of presenting a cautious attitude towards gossip and disparagement,—these good manners, wherever displayed, are evidences of moral insight and control, and are worthy of unremitting study and effort. It is intolerable that a teacher should disregard the importance of example and instruction in respect of his pupil's conduct in these matters.

**214. Hygiene and Temperance.** Appropriate work for each grade should be taught from the "School Hygiene" text prescribed.

It is fundamental that the teacher should

- (a) exemplify in his person habits of scrupulous cleanliness, of tidiness of hair and apparel, of easy and correct posture and movement;
- (b) see that the trustees provide for the regular and frequent cleaning of the rooms;
- (c) be conversant with the physiology and hygiene of fatigue;
- (d) manifest a constant concern for the proper heating and ventilation of the school-room; the supply of clean drinking-water; the cleanly habits of the pupils; their frequent refreshment by means of recesses and brief physical exercises; their games; their gait and posture;
- (e) in the upper grades impressively explain the nature of germ diseases and of protective measures; also of first aids to injured fainting, and drowned persons;
- (f) emphasize the moral, physical and economic loss accruing from intemperance; and
- (g) warn pupils against narcotics and alcohol whether disguised in patent-medicines, or any other way.

**215. Physical Exercises and Squad Drill.** Physical exercises must not be regarded as skills to be acquired by the pupil. Their purpose is for physical development and for recreation (i. e. for recovery from the mental and physical fatigue attendant upon school-tasks and the continued sitting posture). While not intended to displace the free sports and games of the playgrounds, the creative and moral values of which are unexcelled, they provide for a more complete and better balanced physical development than do the chance games of children. Brief physical exercises of two or three minutes' duration should be given every hour. Windows and doors should be open, and such movements as create dust should not be chosen for indoor practise.

The elements of squad-drill, such as column-formation, marching, wheeling, etc., should be practised outdoors in good weather. No school-work however excellent can be marked high where the inspector fails to obtain evidence of satisfactory squad-drill. Play should also be carefully and skillfully supervised by the teacher or his most competent pupils for such class leadership.

**216. Singing.** Inspectors should accept no excuse for the absence of singing in a school. Whether the teacher is ignorant or not of musical notation, he can hardly be so defective musically as to be unable to secure properly timed, expressive singing by ear. If necessary, the teacher should exchange services with some colleague who will conduct the school singing, teach the air, or, better, teach the musical notation. At worst, one of the older pupils may be made use of. Each year, the pupils should be put in possession of several good songs or



hymns; and each year, where the teacher has some musical knowledge, the pupils should make a definite step forward in the interpretation of the sol-fa, or of the staff notation, or of both.

Part-singing need not be attempted until grade VII or VIII. The teacher should train himself to be a good listener; at any rate, to observe when pupils are merely shouting, not singing.

## 217. SPECIAL PRESCRIPTIONS FOR COMMON SCHOOL GRADES.

### Grade I.

*Reading.* First, from blackboard; later, from the Primer; brief phonic practises and word-building to accompany.

*Language.* Directed conversation centering around nature topics and children's homes, between pupil and teacher and among pupils themselves (a) to promote familiarity and freedom from restraint (b) to cultivate distinctness and purity of utterance (c) to develop a sense of grammatical correctness and a perception of the sentence (d) Recitation from memory of appropriate portions.

*Writing and Drawing.* Careful copying of letters, short words, and easy sentences used in phonic practise, chiefly on blackboard. Drawing in mass with colored-crayola, to illustrate the language and nature lessons; stick-laying, paper-folding.

*Arithmetic.* Perception of number and number relations thru use of objects, counting objects, adding, subtracting, doubling, trebling, halving, quartering, etc.,—the processes to involve generally numbers no higher than 20.

*Nature.* The seasons, as they pass; and occupations appropriate to each. Direct observations of sky, weather, germination and growth, flowering and fruiting, coming and going of birds and butterflies. Perceiving substances as heavy and light; colors as red, blue, green, yellow. Elementary hygiene; cleanliness, eating and drinking; care of eyes, nose, teeth.

*Music, etc.* As under "General Prescriptions."

### Grade II.

*Reading.* Reader No. I. Brief phonic exercises covering most of the consonant and vowel sounds; word analysis and word-building; names of letters of alphabet.

*Language.* As in grade I, continued, avoiding repetition and monotony.

*Writing and Drawing.* As in grade I, continued. Free-arm practise in repeated ovals or o's in vertical or slanting strokes; in repeating connectedly the strokes that compose the first parts of the letter *n*, the letter *i*, the letter *e*. Mass-drawing, as in I; Drawing of squares, rectangles, circles.

*Arithmetic.* As in grade I, with numbers up to 1000. Drill in addition table and in multiplication table to "six times twelve". Measuring with the foot-rule.

*Nature.* As in grade I.

*Music, etc.* See "General Prescriptions."

### Grade III.

*Reading.* Reader No. II. Occasional phonic practise, as in I. Increasing attention to expression in reading and reciting.

*Language.* As in preceding grades, with enlarging perception of the sentence; Practise using the connectives *and, but, because, if, when.* The perception of name-words or nouns; common nouns and particular or proper nouns. Recitation, written exercises, correction of speech errors.

*Writing and Drawing.* As in grades I and II., with added free-arm practise of the elements composing script letters, and of short easy words without looped letters. Drawing and coloring, as in preceding grades; also, easy outline drawing; drawing squares; rectangles, circles, triangles of given dimensions; construction exercises in paper and cardboard.

*Arithmetic.* Notation and numeration to 100,000; multiplication table completed and applied to concrete as well as to drill-problems; short division. Measuring in feet and inches; estimating lengths and distances. Dollars and cents.

*Nature.* The weather chart; position of sun at different seasons. Wild flowers recognized; sprouting of seeds, opening of bulbs, buds, and blossoms, observed in schoolroom; growing plants from slips; fruits and seeds; how seeds travel; domestic animals and birds described. The neighborhood and its surface features noted and sketched on horizontal and later on blackboard. Hygiene; pure air and breathing; structure, use, and care of the teeth; water, tea and coffee, alcoholic drinks.

*Music, etc.* As in "General Prescriptions."

#### Grade IV.

*Reading.* Reader No. II. Exercises in utterance and expression, as in grade III. Spelling, etc., as in "General Prescriptions."

*Language.* Short stories reproduced orally and in writing. Brief oral and written descriptions of things seen and done in the nature class, on the farm, or in any industry. Writing short letter to schoolmate, to teacher, to dealer ordering goods; attention to period, question-mark, comma, capitals, abbreviations. The sentence; subject and predicate; noun, pronoun, verb (in finite relation only). Correction of errors of speech.

*Writing and Drawing.* Copy-book practise for form and connexion of letters; free-arm practise on loose paper for fluency. Plan of schoolroom showing teacher's desk and other details; plan of schoolground with road and schoolhouse. Drawings to easy scale. Drawing flower, fruit, and animal forms, and of borders and patterns formed by repeating or alternating these. Free cutting, from colored paper, of simple figures; mounting these; making a blank-book, a cornucopia, a wall-pocket, etc.; needlework.

*Geography and History.* Observe closely the physical features of the neighborhood, especially the natural drainage; inter-relation of slope, brook, swamp, pond; industries, means of communication and main routes of travel in Nova Scotia. The larger natural features of Nova Scotia. The outer world; oceans, continents, Canada, the British Isles, the United States. Sand maps and wall maps. Stories of explorers, heroes, the early settlers, settlements and conditions of life. The lapse of time; lifetime, century, A. D.

*Arithmetic.* Notation and numeration extended; continual drill in the four fundamental operations, written, and "mental" for accuracy and speed. Long division, easy factoring, long and avoirdupois measures. Practise in measuring involving half, quarter, eighth; problems of home and shop. Judging lengths, distances, weights, values. *Text* to page 63.

*Nature.* Study of flowers and plants, as in grade III, parts of flower and purposes; trees, grasses, shrubs. Life history of two or three common insects observed and studied; e. g., housefly, cabbage and currant worms. Birds; identify four by plumage, song, food, habits. Four common rocks or minerals of Nova Scotia.

*Music, etc.* See "General Prescriptions"

## Grade V.

*Reading.* Reader No. III. Perception of poetical rhythm and of varying vowel-length.

*Language.* Oral and brief written exercises, as in grade IV but with attention to form and detail. Narration of the doings of any holiday, outing, etc. Orderly description. Simplest letter-writing, business and social, with attention to courteous forms of expression, punctuation, paragraphing. The parts of speech and the more obvious relations between words; i. e., the adjectival, the adverbial, the objective, the possessive, the subjective.

*Writing and Drawing.* Writing, as in grade IV. Easy drawings to scale, with measurement of rectangular surfaces. Mass-drawing of objects significantly grouped. Designing (a) by repetition, of easy forms, as in wall-paper; (b) by disposing figures, leaves, etc., symmetrically within a square or oblong. Careful outline drawings of cup, vase, hammer, ink-bottle, etc. The more obvious foreshortening of circular and square surfaces. Paper and cardboard construction of regular solids and useful articles; working-drawing of, say, a wall-bracket, needlework.

*Geography and History.* The school-section, its physical features, its industries. Similarly, Nova Scotia, its towns, rivers, distances, industries, products, means of communication. North America, with Canada in slight detail. The poles, the equator, latitude. Leading events of Nova Scotia history; the Indians; our racial origins, explorers, pioneers, primitive conditions.

*Arithmetic.* Drill for accuracy and speed. Multiplication, addition, subtraction and division of fractions, vulgar and decimal (easy problems) presented in concrete and abstract. Canadian money.

*Nature.* Plants; weeds and their habits; conception of family in plants; e. g., the *cruciferae*. Comparative studies of domestic animals and birds; injurious insects; common minerals; rock and soil; the magnet, the compass; the heavenly bodies; the candle-flame; oxygen and carbon-dioxide; ventilation. Hygiene, as in text in pupil's hands.

*Music, etc.* See "General Prescriptions."

## Grade VI.

*Reading.* Reader No. III. Rhythm and rime more carefully noted; vowel quantity or length.

*Language.* Oral and brief written exercise, as in Grade V. The verb, its three tenses; its principal parts, with stress upon compounding with the past-participle only, to form new verbal locutions. Number, case, person, and errors of syntax involving these. Those few rules of syntax which avail in correcting wrong forms of speech. The several parts of speech. Practise in use of connectives.

*Writing and Drawing.* Copy-book and free-arm practise, as in grade V. Pictorial sketching, in mass, of incidents in child-life. Line drawing of flowers and their parts, vases, articles of furniture. Perspective of cube, rectangular solid, house, road-way, doorway, trees in field, etc. Mathematical drawing; drawing to scale; working-plans for wood and cardboard construction, as in grade V. Needlework and constructive exercises.

*Geography.* The continents and oceans; European countries, capitals, rivers; the British Empire. Canada, in some detail, geographical, racial, industrial, commercial, civic. Longitude; the seasons; unequal day and night observed, without detailed explanation; latitude and elevation as affecting climate and products. Map interpretation.

*History.* Lives of great Canadians. The chief migrations to Nova Scotia, Canada, and New Brunswick; French, English, German, Scottish, Loyalist. The American Colonies and the Revolution. Other British colonies. France and her colonies. Story of England to Cromwell's time. The relative antiquity of British, Roman, Greek, Egyptian and Babylonian civilizations. Rudimentary notions of government as obedience to authority.

*Arithmetic.* Fractions, vulgar and decimal, mentioning rate per cent. Weights and measures, completed, with practical exercises and concrete application. Cubical content. *Text* to page 167.

*Nature.* Continuation of work of grade V. Hygiene, as in text.

*Music.* See "General Prescriptions."

### Grade VII.

*Reading.* Reader No. IV. Special attention to vowel length. Metrical accent observed. Metaphor and simile recognized.

*Language.* Composition, as in grades V and VI. Synthesis of sentence. Practise in use of connectives; *however, moreover, still, nevertheless, in view of, etc.* Inflection. The phrase and clause functioning as noun, as adjective, and as adverb. Enlargements and extensions. Letter-writing, business and social; punctuation. Goggin's *New Elementary Grammar*.

*Writing and Drawing.* As in preceding grades, with much practise of free arm movement and attention to connecting and spacing and to uniformity of height and slope. Drawing, as in grade VI, but involving increased skill. Designing and decorating oil-cloths, book-covers, wall-brackets, paper knives, photograph frames. Construction in cardboard and wood; working-drawings. Linear (freehand) perspective drawing, and color-work, needlework.

*Arithmetic.* More difficult problems in weights and measures; square root; percentage, and its applications to interest, taxes, discount; promissory notes; mensuration of surfaces.

*Geography.* Home geography, physical and dynamical; Civics; federal and provincial governments; social and philanthropic institutions, and moral reforms.

Countries of North and South America, especially those of commercial importance, as in Calkins *Introductory Geography*.

*History.* Canada, its great events and personages, from 1713 to 1867 as in Calkin's *Brief History of Canada*. England, from Cromwell to George III, with story of American Revolution as in *Brief History of England*, with interpretation and explanation by teacher. Renewed reference to ancient peoples and bible-lands.

*Nature.* Continuation of study of plant, animal, bird, and insect life—additional types to be studied, and family relationships noted. Structure of flower; pollination; usefulness of bees and other insects, of wind, etc., in pollination. Soils studied; chemistry of air, of flame, of water. Hygiene, as in text. (Teacher's Handbook for Oral lessons: *First Course in General Science*, (Henry, Holt and Co., New York).

*Music, etc.* See "General Prescriptions."

### Grade VIII.

*Reading.* Reader No. IV. Meter and rime; careful discrimination of vowel-length; simile, metaphor, personification, and allegory. Private reading discussed.

*Language.* Oral and written composition, as in preceding grades. Description of mechanical and industrial processes, of playing of games, of life histories of insects, of natural features of district; letter-writing; abstracts and synopses; synthesis of sentences. Practise in use of connectives; e. g., *therefore, accordingly, altho, in spite of, if, provided, etc.* Grammatical relations between words in sentences; complex sentences, orderly parsing and analysis revealing only the more obvious relations. Punctuation.

*Writing and Drawing.* As in grade VII, with the addition of conventionalizing of natural forms as in historic ornamentation, borders, rugs, wall-papers, etc.; occasional rough sketching from nature. Constructive exercises and needle-work as in grade VII.

*Geography.* Latitude and longitude, how determined; seasons, long and short days, explained.

Europe, especially the British Isles, France and Germany, and our commercial and racial relations therewith. Asia, especially Palestine, Japan, China, India, Persia; Africa, especially the South African Dominion, Rhodesia, Egypt, Morocco, Tripoli; Australasia and the island colonies of Britain. Commercial geography; lands, routes, means of transport, peoples, languages, products. Government, trade-treaties, tariffs, postal systems.

*History.* Canada from 1867 with review of important events since 1713; England from George III to the present time, with interpretation and enlargement by teacher, and with review of important events since Cromwell. The principles of representative and of responsible government.

*Arithmetic.* Metric weights and measures and their English equivalents. Application of percentage extended; stocks, debentures, insurance. Mortgages, bills of sale, notes, paper money, methods of remitting money; day-book, cash-book, and ledger entries. Algebraic notation and the evaluation of formulas, especially the use of  $x$  to solve easy problems as equations. Marshall's *Book Keeping*.

*Nature.* As in grade VII, with added orders and families of plants, insects, animals, birds. Cross and longitudinal section study of bean, corn, woods. Effects of seed selection; of fertilizers. Injurious insects and weeds and methods of extermination; insects as disease carriers, blights and fungus diseases of plants; fungicides. Birds as the farmer's friend. The thermometer, the barometer, the rain-gauge, electricity, magnetism, solar heat, storms; tidal phenomena. Hygiene, as in text. (Teacher's Handbook as in VII; and "first year course," "Fruit Growing and Common Weeds" as in Britain).

*Music, etc.* See "General Prescriptions."

218. OUTLINE OF TECHNICAL COURSES FOR 1918.

(Which may be Substituted for the Regular Grade Work in the same subjects).

MECHANICAL DRAWING.

Grade VII.

**Plate I.** Use and care of different instruments; exact measuring of lines; drawing of lines to exact given length; drawing circles of different radii.

**Plate II.** (Drawings full size).

1. Shaft key,  $\frac{3}{8}'' \times \frac{1}{2}'' \times 4''$ ;
2. Square anchor-bolt washer with hole;
3. Round stamped washer, 3'',—1'' hole;
4. Hexagonal blank nut;
5. Blank pipe flange, four holes, 6'' outside diameter.

**Plate III.** Lettering exercise, 60°; plain block letters.

**Plate IV.** Introduction of the principles of projection and of hidden and dotted lines.

All work to be third angle projection.

All drawings full size.

Plan, elevation or section of the following:

1. Shaft key, 4" x  $\frac{1}{2}$ " x  $\frac{1}{4}$ ";
2. Hexagonal blank nut;
3. Blank pipe, flange, 6 holes.

**Plate V.** Further practise in work similar to that of former plates, drawings full size.

1. Threaded bolt 5" x 1" square head and hexagonal nut off;
2. Same with nut on;
3. 6" pipe clamp—two views drawn half size.

**Plate VI.** Ideas of drawing to different scales and conventional signs introduced.

1. Lap joint  $\frac{1}{2}$ " boiler plate, two rivets, round heads, plan and section;
2. Eye-bolt—two views.
3.  $3\frac{1}{2}$ " cast iron plug, plan, elevation and section.

**Plate VII.** Ideas similar to last plate.

1. Safety set collar for 2" shaft; plan, elevation and section thru set screws;
2. 3" tee joint for flanged pipe, elevation and plan, half size;
3. Cast iron clamp box, half size.

**Plate VIII.** Geometrical problems using only ruler and compasses.

1. Drawing perpendicular to a line—from a point;
2. Bisection of an angle;
3. Proportional division;
4. Drawing triangle having given three sides;
5. Drawing parallel lines.

### Grade VIII.

**Plate IX.** Review of principles taught in grade VII.

1. Bushing, hole  $1\frac{1}{2}$ " x  $\frac{3}{4}$ " x 4";
2. Packing nut from a valve;
3. Wire-rope sheaf, 6" in diameter;
4. Piece of octagon tool steel, 4" x  $1\frac{1}{2}$ ".

**Plate X.**

1. Wrought iron crank; two views, drawn full size.
2. Flanged pipe coupling threaded, bolts and nuts in place; elevation and section full size.

**Plate XI.** Plotting. Introduction of Protractor.

1. Measure given angles.
2. Plot angles of 10°, 18°, 57°, 30', 105°, 169°.
3. 3 to 9. Plotting triangles and quadrilaterals from data supplied.

**Plate XII.** Mensuration and measurement of heights and distances.

- 1 to 9. Problems, data to be obtained by pupils as directed by teacher.

**Plate XIII.**

1. Hand wheel of "globe valve," 9" in diameter, two views.
2. Development of 90° stove-pipe elbow, 2 pieces.

**Plate XIV.**

1. Flanged shaft coupling; three views plan, end and section.

MINING SCIENCE.

Grades VII and VIII.

1. Preparation of oxygen from Mercuric oxid. Show effect of burning splinter, charcoal, sulphur and iron wire.
2. Prepare carbon dioxid. Show properties and test.
3. Preparation of nitrogen. Show properties.
4. Atmosphere. Show that it contains the three gases previously studied.
5. Prepare Hydrogen. Show properties.
6. Water. Composition as shown by analysis, electrolysis and synthesis.
7. Combustion. Burn Zinc dust, magnesium, etc., to show that burning gives a gain in weight. Burn charcoal and test product.
8. Examination of a flame to learn its parts.
9. Effect of cold body and gauzes on a flame.

Grade VII.

*Physics.*

1. Forms of matter. Show that form depends on conditions. Practically illustrate by water, lead, sulphur, naphthelene, etc.
2. Effects that changes of temperature produce on the length, diameter, volume, etc., of solids, liquids and gases.
3. Construction and uses of a thermometer. This must be illustrated by actual construction of a thermometer.
4. Modes of transmission of heat, illustrated by experiment and discussion; application to the industries and to every-day life.
5. Diffusion in liquids and gases. Illustrate by colored liquids.
6. Weight of air, demonstrated by actual weighing.
7. Barometer. Construction and practical application.
8. Boyle's Law worked out from experiments with a Boyle's Law tube.

Grade VII.

*Physical Geography.*

The earth as a globe; the atmosphere, climate, temperature, seasons, weather; the ocean, currents, waves, tides; the land, continents, rocks, wearing away and building up of land, plains, coastal plains, wells, action of rivers, faults, mountains, life history of mountains, folded mountains, valleys, volcanoes, lava; rivers and valleys, underground water, geysers, deltas, history of a river; waste of the land, formation of soil—floods, lakes, effect of winds, deserts, glaciers; shore lines, reefs, elevation and depression of land; earth's magnetism.

Different kinds of rocks, interior, exterior; volcanic and sedimentary.

Rocks classified according to their method of formation;

- |                         |               |
|-------------------------|---------------|
| Volcanic.....           | Granite.      |
| Deposited by water..... | Sandstone.    |
|                         | Slate.        |
|                         | Limestone.    |
|                         | Conglomerate. |

Formation of coal:—story of the formation of coal in its simplest form.

## Grade VIII.

*Physics.*

1. Review of work of grade VII. The experiments in heat are here to be performed quantitatively as far as possible. Barometer, diffusion of gases, and Boyle's Law reviewed with a fuller discussion of their uses in the industries.

2. Pumps—Common Lifting and Force—introduced and their construction and action explained.

3. Experiments in the weight of equal volumes of different substances. Specific gravity and its application.

4. Mechanics and Machines.

(1). Experiments with levers to show their uses and advantages. Bring out the relation between lengths of arms and loads.

(2). Classes of levers. Illustrate by models and, as far as possible, by practical application in machines.

(3). Experiments with the wheel and axle and windlass to bring out construction, relation of parts, uses and advantages. Here note particularly their practical application.

(4). Experiments with inclined plane to bring out the relation of power and resistance to height and length of slope.

5. Screw—construction and practical application.

All the work outlined above must be thoroly illustrated by experiments and its practical application to modern industry clearly pointed out.

## Grade VIII.

*Physical Geography.*

Thoro review of work of seventh grade with a much more detailed treatment. Earth-solar system, history of descent of earth from a body like the sun.

Glaciers; glacial history of Nova Scotia.

The sea and sea shores, sea deposits. Movements of the earth's crust, folding, faulting, earthquakes, volcanoes, underground structures of volcanic origin.

Different kinds of rocks;

Volcanic:—Quartz, Granite, Syenite.

Aqueous:—Conglomerate, Sandstone, Millstone, Grit, Shale, Slate, Fireclay, Marl, Limestone.

Earth's history as told by geology.

Common fossils, kinds and significance.

Simplified story of various ages.

Recent:—Quaternary (appearance of man), Tertiary (age of mammals), Cretaceous (age of reptiles).

Middle:—Jurassic, Triassic.

Primary:—Carboniferous (age of luxurious vegetation), Devonian (age of fishes), Silurian (age of shell fish), Cambrian (age of simple life, worms, etc.).

Foundation:—Archaean.



How to know common minerals such as pyrite, quartz, calcite, mica, hematite, magnetite, chalcopyrite, fluorite and galena.

**Note:**—This course, which at the option of any school board can be substituted for the corresponding work of the regular course of study for the public schools, will probably be extended next year into grade IX. In this event, optional examination papers will be provided, to be taken as substitutes for the corresponding regular high school papers of grade IX.

[Optional questions will be provided in the County Academy Entrance Examination papers, for candidates taking these substitution subjects instead of the corresponding ones of the regular course.]

## 219. PROGRAM FOR RURAL SCHOOLS WITH ONE TEACHER.

### Covering Grades I to VIII of the Common Schools.

[The work presented in each class should occupy in general two years].

There should not be separate classes made for each grade. All pupils coming into the class for the first time should be marked in the Register as of the lower grade. All the pupils whom the teacher thinks likely to be promoted to the next class (or form) next year should be marked as of the higher grade in the Register.

Inspectors may recommend this course for other schools where they deem it advisable.

Teachers shall file a time-table with inspectors as soon after opening school as convenient, but not later than October 1st in each year.

Physical drill must be given twice daily in all classes.

#### Class (or form) 1. (Grades I and II).

**Reading:**—Not less than three lessons daily, chiefly from blackboard while the Primer is used. Words—names of familiar objects and sentences from these words. Phonetic practise, word building, sounds of the letters derived from the words. N. S. Reader—Primer. Continued drill in word analysis and word building. N. S. Reader—First Book for second year, with continued drill in words, both oral and written. Spelling and meaning of all words used. Use script or written forms of the letters from the beginning.

**Note.** Teachers should avoid teaching the names of the letters to beginners. The sounds of the letters should be learned from the words. Not until children are familiar with the sounds of the letters should they be given the names.

**Language:**—Daily. Sentence building, story telling, conversation between teacher and pupils centering around nature topics and children's homes. Correcting wrong forms of speech. Recitations from memory of select passages. Summary of stories read by teacher. Children should be encouraged to express themselves freely, concisely and in sentence.

**Writing:**—Daily. Forms of letters taught from blackboard. Careful copying of letters, words and sentences. Free arm practise in repeated ovals as *o*, strokes that compose *m* and *n*, the letters, *i. e.*, etc. Connecting these to form letter and words. Prescribed copy-books 1 and 2.

**Drawing:**—Daily. Stick-laying and drawing the designs thus formed. Drawing to illustrate language and nature lessons. Simple drawings in flat only, as in Augsburg's or Prang's. Drawing of leaves, buds, roots, fruit, trees, in outline, or in mass-drawing with crayola and pencil. Original designs. Pupils should be encouraged to create designs and draw them.

**Arithmetic:**—Daily. Numbers up to 1000. Ideas of number developed from objects. Units, tens and hundreds developed. Addition, subtraction, multiplication, and division developed orally, beginning with small numbers and advancing gradually as pupils become familiar with smaller combinations. Table of tens. Daily drill orally in the four rules. Counting by twos, threes and fours, etc. Analysis of numbers into units, tens, hundreds, etc.

**Note.** During the first year pupils should not deal with numbers beyond 50. They should be given short oral drill two or three times each day so that they may become thoroly familiar with the combinations of these numbers instead of forming the habit of counting, which is neither rapid nor accurate. Insist on absolute accuracy from the beginning in every attempt.

**Nature:**—Daily. Talks with the children on Seasons. Points of compass. The sun in winter and in summer. Frost, rain, snow, sky, weather, etc. Growth of plants, etc. Birds, insects. Substances, heavy and light. Colors as red, blue, green, yellow. Elementary hygiene; care of eyes, teeth, mouth, nose; cleanliness, drinking cups, etc.

**Music:**—At least three times daily. Inspectors should not accept any excuse for absence of singing in a school. Simple songs by rote.

**Note.** There will always be some pupils who can lead the singing, even if the teacher cannot do so.

### Class (or form) 2. (Grades III and IV).

**Reading:**—Two to three lessons daily.

**Note.** Before beginning a reading lesson teachers should see that all pupils in their seats have work to do, and under no circumstances whatever, should they give their attention to anything else while the reading lesson is being conducted.

**N. S. Reader—Second Book.** Special attention must be given to pronunciation, expression, the meanings of words and to the story of the lesson. Drill in spelling, partly oral but chiefly written. Pupils should be able to give a good summary of each lesson before it is passed over, and should be encouraged to get and use a small dictionary.

**Language:**—Daily, as in preceding grades. Story telling, short summary of reading lessons. The summarizing of stories read by teacher and of oral lessons. Correcting wrong forms of speech. Use of capital letters and common punctuation marks as illustrated in reading lessons, etc. The "Sentence" should be fully understood at this stage.

**Note.** This work should be largely oral at first and later both oral and written. Each pupil should have an exercise book for language to be examined by inspector, parents or any visitor.

**Writing:**—Daily. Practise in free hand movements of the elements composing letters. Copy books 3 and 4.

**Note.** Writing should be carried on by the whole school at the same time, and the teacher should give the lesson her undivided attention.

**Drawing:**—Daily. Mass-drawing with crayola. Easy outline drawing. Practise in drawing fruits, roots, leaves, buds, outlines of animal forms, action figures, borders, original designs. Drawing of triangle, square, rectangle, etc. Using these to introduce outline drawings of tents, barn, basket, bird cage, etc. Grouping of familiar objects such as posts, trees, camps, etc. Augsburg's or Prang's.

**Note.** Teachers should not attempt to represent solids until pupils have first had the principles of perspective clearly outlined.

**Arithmetic:**—Daily. Notation and numeration continued up to 1000000. Daily class drill in four fundamental rules to secure accuracy and rapidity. Analysis of numbers. Long division. Idea of fractions, such as halves, thirds, fourths, etc., developed orally. Factoring division by cancellation; measuring feet, inches; estimating lengths, distance, weights, time, etc.; dollars and cents. (*N. S. Com. School Arithmetic to p. 63*).

**Geography and History:**—(On alternate days). Geography of Nova Scotia orally and from map. Map of Nova Scotia by pupils. Natural resources, industries, products, leading ports and lines of railways, etc. Stories of early settlers and explorers orally.

**Nature:**—Daily. Work of class I extended. Day and night. The seasons. Sprouting of seeds and bulbs. Observing buds and blossoms, dispersal of seeds. Evergreen trees, cones, etc. Weeds injurious to farmers. Life history of one or two insects, as the housefly, cabbage worm, currant worm, potato bug, etc. Hygiene; pure air, breathing, pure water, alcoholic drinks, etc. The leading minerals of the province.

**Music:**—As in Class I, with elementary facts of musical notation and time. Tonic sol-fa, or staff notation.

**Class or form 3. (Grades V and VI).**

**Reading:**—At least one lesson daily. See Note under Class 2 Reading. N. S. Reader—Third Book. Attention to expression, punctuation, meanings of words and interpretation of literature of the lesson. Substance of lessons given orally by the pupils. Spelling, written and oral, of all words used.

**Language:**—Written sketches of lessons read. Sketches of stories read by teacher. Letter-writing. Sketches of oral lessons. Synthesis of sentences. Parts of speech. Parts of sentence. Punctuation reviewed and extended. Parsing and analysis begun.

**Writing and Drawing:**—Alternate days. See note under writing, Class II. Copy books 5 and 6.

**Drawing:**—Principles of perspective fully taken up and illustrated by drawings, such as rectangular solids, house, roadway, trees at different distances in a field, etc. Model and object drawing, with crayola and pencil. Teachers can easily secure a variety of models such as cup, ink bottle, vase, pitcher, knife, hammer, etc. Easy designs as in wall paper, book covers, etc. Easy drawings to scale with measurement. Augsburg's or Prang's.

**Arithmetic:**—Daily. Work of Class 2 thoroly reviewed. Fractions, vulgar and decimal, reduction, weights and measures thoroly taken up and reviewed, making out of bills. Canadian money, square measure, cubic contents. (Arithmetic to p. 157).

**Note.** Not less than ten minutes daily should be devoted to class drill and explanations in connexion with the different subjects taken up, in addition to the regular desk work period.

**Geography and History:**—Alternate days. Geography of North America with the Dominion of Canada in detail, orally at first, later from the book. Map of North America and Dominion of Canada in detail. Our trade relations with other countries. Our resources, industries, routes of travel, seaports, etc., fully taken up. History of Canada orally.

**Note.** Highroads of History and Highroads of Geography (T. Nelson & Sons), should be on every teacher's desk.

**Nature:**—As in Class II continued. Heat effects—expansion, ventilation, combustion. Buoyancy of fluids. Hygiene, orally at first, later from the book. Text: *Ontario P. S. Hygiene* (Copp, Clark).

**Music:**—As in Class II with corresponding advance.

**Class (or form) 4. (Grades VII and VIII).**

**Reading:**—Daily. (See note Reading Class 2). Prescribed Reading. N. S. Reader—Fourth Book. Critical study of passages read. Memorizing of select passages. Spelling, oral and written. Teachers should take care that pupils read clearly, distinctly and with expression.

**Language:**—Daily. Letter writing, weekly essays and sketches. Parts of speech fully taken up. Synthesis of sentences. Parsing and analysis extended. Phrase and clause functioning as noun, adjective and adverb. Different kinds of sentences, paragraph, figures of speech. Text: Goggin's *New Elementary Grammar* (Educ. Book Co.).

**Writing:**—Practise in free arm movements with attention to spacing and to uniform high and slope. Prescribed copy books 7 and 8.

**Drawing:**—Practise in perspective as in Class 3. Drawings from natural objects, flowers, fruits, trees, etc. Decorative drawing, wall paper, oil cloth, book covers, borders, rugs. Sketching from nature. Augsburg's or Prang's. Plotting from scale.

**Note.** Pupils in this class might use colored crayolas with good effect, or better, water colors.

**Arithmetic:**—Thoro review of Class 2 and Class 3. Special review of fractions, vulgar and decimal. Weights and measures, percentage, interest, taxes, discount, insurance, stocks, debentures. Promissory notes, bills of sale, mortgages, drafts, bills of exchange, etc., cheques, etc., day book, cash-book, ledger, posting of simple accounts, algebraic notation, evaluation of formulae using  $x$  to solve easy problems as equations. [It is recommended that the equivalent of the first five chapters of the High School Algebra form the basis of the County Academy Examination]. The text book should not be required to be in the hands of the pupils. Arithmetic text completed and reviewed. *Marshall's Bookkeeping* (MacKinlay).

**Note.** Not less than twenty minutes daily should be devoted to class drill and explanations of the principles involved in each subject, in addition to the regular desk work.

**Geography and History:**—Alternate days. Countries of North and South America, especially those of commercial importance. Europe, especially British Isles, France, Germany, Asia and Africa—those of commercial importance. Climatic phenomena, commercial geography, land routes, means of transportation, people, products, governments, trade relations, postal system, etc.

History of Canada in detail. Federal and provincial governments. Responsible government. English history from George III to present time.

**Nature:**—Hygiene completed and thoroly reviewed. Chemistry of air, flame, water. Simple electrical effects. Conduction of heat. Insects injurious to plants, injurious weeds and how to exterminate them, study of rocks and minerals, birds, etc.

**Music:**—As in previous classes, but with a corresponding advance.

**Note.** While the singing will be common with all the classes, advanced pupils should be given lessons in musical notation sufficient to enable them to read simple music correctly in either the tonic sol-fa or staff notations.

[The "First Music Reader" for Grades I-V and the "Song Reader" for Grades VI-VIII, having been introduced into some schools regularly before the present texts were prescribed, are to be considered as authorized; and as soon as an edition sufficiently Canadianized is issued they may be allowed as alternatives for corresponding texts prescribed].

The following is an actual Time Table which is *not prescribed*, and is given here as only one old solution of the problem, the form of which may enable new teachers to construct one suited to their school.

**A SUGGESTIVE TIME TABLE (Not prescribed).**

(Miscellaneous "Common" School—40 pupils).

(a) = (Gr. VIII and VII), 7 pupils; (b) = (Gr. VI and V), 9 pupils; (c) = (Gr. IV and III), 11 pupils; (d) = (Gr. II and I), 13 pupils.

Time When.	Minutes	Recitation in Class.		Seat Work.			
		Mondays Wednesdays Fridays	Tuesdays Thursdays	(a), (b), (c) and (d) as in Journal of Education.			
				(a)	(b)	(c)	(d)
9:00 to 9:10	10	Devotional Exercises.....					
9:10 " 9:15	5	Music.....	Music.....				
9:15 " 9:30	15	(d) Reading etc.	(d) Reading..	Arith.	Eng..	Eng..	Eng..
9:30 " 9:50	20	(c) Reader etc.	(c) Reader etc.	Arith.	Eng..	Eng..	Eng..
9:50 " 10:00	10	(b) Reader etc.	(b) Reader..	Arith.	Eng..	Eng..	Eng..
10:00 " 10:15	15	(a) Reader....	(a) Hygiene...	Arith.	Arith.	Arith.	Arith.
10:15 " 10:30	15	(a) Gram. etc.	(a) Comp.....	Arith.	Arith.	Arith.	Arith.
10:30 " 10:45	15	Recess and a Song.					
10:45 " 10:55	10	(a) Arith.....	(a) ArithorAlg	Arith.	Arith.	Arith.	Slates
10:55 " 11:05	10	(b) Arith.....	(b) Arith.....	Arith.	Arith.	Arith.	Slates
11:05 " 11:10	5	(c) Arith.....	(c) Arith.....	Arith.	Arith.	Arith.	Slates
11:10 " 11:15	5	(d) Arith.....	(d) Arith.....	Arith.	Arith.	Arith.	Arith.
11:15 " 11:30	15	(d) Reading	(d) Reading..	Arith.	Arith.	Arith.	Arith.
11:30 " 12:00	30	Writing.....	Drawing Free or Math				
12:00 " 1:00	60	Noon Intermission.					
1:00 " 1:05	5	Music.....	Music.....				
1:05 " 1:15	10	Geog. etc(oral)	His. etc (oral)	G & H			
1:15 " 1:30	15	(a) Geog.....	(a) His.....	Eng..	Eng..	Eng..	Eng..
1:30 " 1:45	15	(b) Readeretc.	(b) Hygiene..	Arith.	Eng..	Eng..	Eng..
1:45 " 2:00	15	(c) Gram. etc.	(c) Comp.....	or BK	Eng..	Eng..	Slates
2:00 " 2:10	10	(c) Reader etc.	(c) Reader etc.	or Alg.	Arith.	Arith.	Slates
2:10 " 2:30	20	(d) Reading	(d) Reading..	Arith.	Arith.	Eng..	Arith.
2:30 " 2:45	15	Recess and a Song.					
2:45 " 3:00	15	Nature Les. (Botany, etc.)	Nature Les. (Physics, etc.)				
3:00 " 3:05	5	(d) Arith.....	(d) Arith.....	Arith.	Eng..	Eng..	Arith.
3:05 " 3:10	5	(c) Arith.....	(c) Arith.....	Arith.	Eng..	Eng..	Arith.
3:10 " 3:20	10	(b) Arith.....	(b) Arith.....	Arith.	Arith.	Arith.	Slates
3:20 " 3:30	10	(a) Arith.....	(a) Arith orBK	Arith.	Arith.	Arith.	Eng..
3:30 " 3:40	10	(c) Reading...	(c) Reading	Arith.	Arith.	Arith.	Eng..
3:40 " 3:55	15	(d) Reading..	(d) Reading..	Arith.	Arith.	Eng..	Arith.
3:55 " 4:00	5	General Intimations.....					

**Physical Exercises:** When most convenient, preferably a little after the middle of each session for two minutes three or four times each day. Sometimes special time will have to be given to this subject, especially when the exercises are new.

**Reading** includes "Spelling," "Definition," "Grammatical" and other questions.

**Geog. (oral) and His. (oral),** includes "Geographical Nature Lessons," and "M. and P. Duties."

**Nature Lessons** include Science generally from Gr. I to IX. If there are IX pupils, they might aid by taking (d) classes sometimes, etc., and thus save time for Grade IX subjects.

## Notes.

Lessons in nature specially designed for either the Advanced Primary or the Intermediate class should engage the attention of both classes; and lessons in this branch designed for the Preparatory should be followed also by the pupils of the Intermediate.

In addition to the chorus singing by the whole school, "by ear," instruction in musical notation should be begun. At first, two divisions or grades of instruction will suffice. Later, the preparatory may be able to go faster and form a third grade. In the succeeding year, a four-grade division may be found convenient. Occasional five-minute lessons smartly conducted will achieve a good deal in one year.

Well chosen and varied occupations as desk-work should be planned out for each day. These, when pupils are trained to the habit of working silently and independently, will reinforce and implement the instruction in language, writing, drawing, nature, geography, history, or whatever subject they may be drawn from.

Physical exercises should be given at least three times a day, in periods varying from two to five minutes; and these periods should be so timed as to come midway between opening or closing of school and recess.

Frequent and repeated reviews are necessary with young children.

## 220. FOR COMMON SCHOOL WITH TWO TEACHERS.

## Junior.

*Reading.* Four or fewer, divisions, reading in Primer and Readers I and II with phonic exercise, spelling, directed conversation on the substance of the reading lesson, memorizing and expressive rendering of choice passages.

*Language.* Three, or fewer, divisions. Correction of false forms of speech, of obscure or otherwise faulty utterance; oral reproduction of content of lesson in reading or nature; sentence-making and sentence-writing; subject and predicate, noun, pronoun, and adjective; the period, the comma, the capital letter, the commonest abbreviations; simplest letter-writing.

*Writing and Drawing.* Three divisions, or more, in writing, receiving instruction simultaneously. Drawing on blackboard, and with crayola, chiefly "mass" drawing.

*Arithmetic.* Four or fewer, divisions. Scope, as indicated in "Special Prescriptions" for grades I, II, III, IV. Two or more divisions may be taught and practised simultaneously.

*Nature.* Two divisions, the lesson to the upper division being listened to by the pupils of the lower. Seasons and occupations; plant, animal, insect, and bird life, natural features of home district, weather phenomena, to both divisions. Identification of parts of flower, of birds by plumage, etc., of minerals, etc., only to more advanced division.

*Physical Exercises.* Two to five minutes, thrice a day, facts of hygiene being explained in connexion with these exercises.

*Music.* At least four songs, with tonic sol-fa, or staff, notation. At least four other songs and hymns sung expressively, by rote, with words memorized.

*Construction Exercises.* Stick-laying for younger children; tearing or "free" cutting of paper into forms of familiar objects; construction in cardboard, of box, cylinder, cone, etc.

**Senior.**

*Reading.* Three divisions, or two divisions, according to whether or not there are pupils in both Readers, Nos. III and IV. Conspicuous figures of language; rhythm, meter, rime. Oral abstracts, paraphrases of short passages; reproduction of facts and principles expounded in the Hygiene Text.

*Language.* Rudiments of English grammar, especially to furnish ability to derive, to understand, and to apply the rules of syntax operative in correcting errors. The phrase and clause elements and their relation to sentence structure. Parsing and analysis, with the object of utilizing these as tests of the pupil's understanding of the thought and thought relations of passages studied. Oral and written description and narration; business, private, and social correspondence.

*Writing and Drawing.* Two, or three, divisions, Copy-book and loose paper practise in writing, as explained in "General Prescriptions." Drawing of Natural-history and other objects singly, grouped, and conventionalized; color-study; designing of Easter card, of wall-paper, leaded-glass, paper-knife, book-cover etc.; sketch-drawing of architectural and other subjects; drawing to scale; mathematical drawing, and problem-solving by mathematical drawing.

*Arithmetic.* Three divisions, or fewer. Scope, as indicated in "Special Prescriptions" for grades V to VIII. Two or three classes may be conducted simultaneously.

*Nature.* If teacher finds the school very deficient in this branch, he may commence the term with one division only, covering thus the general field of study, atmosphere, plant, animal, bird, and insect life, mineral and rock, heavenly bodies, etc. At the end of a few weeks a two-fold division will probably be found necessary, the older pupils seizing more quickly the ideas of differentiation into plant and insect families, chemical and physical phenomena, identification features, principles of horticulture, etc.

*Geography.* Three divisions, V or VI, and VIII. Scope, as indicated in "Special Prescriptions" for those grades, in an eight grade system.

*History.* Two divisions, corresponding to grades VI or VII, and VIII. Scope, as indicated in "Special Prescriptions" for those grades.

*Physical Exercises.* Three to five minutes, thrice daily.

*Music.* At least four songs, with tonic sol-fa, or staff notation. At least six other national and folk songs of recognized merit, or hymns, Easter and Christmas carols, etc., acceptable to all creeds, "by ear," expressively, and with at least two stanzas of each memorized.

*Constructive Exercises,* in paper, cardboard, or wood, of articles such as paper-knife, wall-pocket, pin-tray, magazine-cover, book-stand for table; geometrical solids, made to measurement; clay-modeling, if desired, or needlework; book-stitching, repairing, making.

## 221. FOR A COMMON SCHOOL WITH THREE TEACHERS.

**Lower.**

*Reading.* Primer and Readers Nos. I and II, with phonic exercise, spelling, directed conversation on substance of lesson, memorizing and expressive rendering of choice passages.

*Language—two divisions.* Correction of false forms of speech, of obscure or otherwise faulty utterance; sentence-making; the capital, full-stop, and question mark.

*Writing and Drawing.* Letters of alphabet, words, short sentences; connection of letters noted; free-arm practise on ovals, connected e's, etc., for older pupils; all divisions to be exercised simultaneously. Drawing, on blackboard, and with crayola, chiefly in "mass."

*Arithmetic.* As in Special Prescriptions for grades I, II, III, of an eight-grade school; all divisions to be practised simultaneously.

*Nature.* One division will suffice at commencement of term; later, two divisions, the pupils of the lower division attending to both lessons. Plants, trees, buds, fruits, vegetables, pet and domestic animals, squirrel, and rabbit, weather phenomena and chart. For older pupils, parts of flower, deciduous and evergreen plants, life of insects, songs of birds. Natural features of district; seasons and occupations.

*Physical Exercises.* Two or five minutes, three times a day. Facts of hygiene explained in connexion with these health-exercises.

*Music.* At least three songs, with notation, (sol-fa, or staff). At least three other songs and hymns, by rote, with words memorized.

*Constructive Exercises.* Stick-laying, paper-folding, tearing and cutting, making cornucopia, napkin-ring, book-cover; clay-modeling, if desired.

### Middle.

*Reading.* Reader No. III, with spelling and discussion. Hygiene Text.

*Language.* Oral reproduction and occasional brief written statement of substance of reading or nature lesson. The sentence and its elements, the parts of speech and their more obvious relations; application of four rules of syntax operative in correcting errors. Letter-writing, punctuation, including use of comma and quotation marks.

*Writing and Drawing.* Copybook and free-arm practise; older pupils to develop moderate speed in free-arm practise on loose paper. Drawing, as an aid to nature lessons, to geography, to constructive work; easy drawing to scale. Color-study; designing, book-cover; decoration, simple wall paper pattern; easy perspective, and its recognition in buildings and in the actual landscape.

*Arithmetic.* As indicated in grades IV, V, VI, in Special Prescriptions for an eight grade school.

*Nature.* Plants, animals, insects, birds, weather, heavenly bodies, rocks and minerals. Seed-dispersal, idea of plant-families, animal-families; functions of roots and stems; parts of flower and functions. Life histories of two or three insects from direct observation; injurious and harmless insects. Birds, their identification, their value to man. Orders of animals.

*Physical Exercises.* Two to five minutes, three times a day.

*Music.* At least three songs, with notation, (sol-fa, or staff). At least three other appropriate folk songs or national songs or hymns, Easter and Christmas carols, etc., sung with expression and with at least three stanzas of each memorized.

*Constructive Exercises.* Cardboard work, as in junior division extended, wood-work, needle-work, if desired.

*Geography—two divisions.* Lower division, home geography and industries; surface-phenomena; agencies of change on surface of earth; Nova Scotia and, in slight detail, Canada; the earth as a sphere; day and night; sketch-plans, and maps.

Upper division, Canada, in detail; Europe and the British Empire, in very slight detail; map-interpretation; climatic causes; government, and public services; means of communication.



*History—One division.* The makers of early American and Canadian history; the settling of Nova Scotia at different periods and in different districts. France and her colonies. The ancient civilizations and their relative antiquity; Babylonian, Egyptian, Israelite, Greek, Roman. The story of England to Cromwell's time, told orally.

### Upper.

*Reading.* Reader No. IV. Hygiene Text. Study of figurative language, elements of prosody, memorizing and recitation of choice extracts; brief abstract and paraphrase, oral and written.

*Language—One division.* Practical principles of syntax derived inductively, and applied to the correction of false forms of speech. Word, phrase, and clause elements, and their part in sentence structure. Parsing and analysis, with the object of utilizing these as tests of the pupil's comprehension of the thought and thought-relations of passages studied. Oral and written description and narration; business, private, and social correspondence.

*Writing and Drawing: One division; or, two divisions* working simultaneously. Copy-book and loose-paper practise in writing as explained in "General Prescriptions." Drawing of natural history and other objects singly, grouped pictorially, and conventionalized; designing and decorating in colors (crayola) of book-covers, wall-paper, Christmas and Easter cards, paper-knife, etc., drawing to scale, and problem-solving by mathematical drawing; sketch drawing of buildings, trees in field, etc.

*Arithmetic—Two divisions.* Scope as indicated for grades VII and VIII in Special Prescriptions for an eight-grade school.

*Nature.* At commencement, one division, developing, later, into two, if a fair proportion of pupils show special interest.

Pollination and its agencies (insect, wind). Grafting, budding, layering, cutting, as means of propagation. Plant-families, e. g., rose, crucifer, thistle, legume, buttercup; weeds and methods of eradication; simpler forms of plant life, as in ferns, mushrooms; mildews, blight and rust in plants (as in garden strawberry, raspberry) noted; black-knot in plum trees, apple scab, etc., observed; fungicides. Importance, to the farmer, of clean, healthy seed.

Injurious insects, as potato-beetle, cutworm, barkhouse or scale, tent-caterpillar, currant-worm, studied at first hand; insecticides.

Useful animals, as cows, sheep, horses, toads; useful birds, as the scavengers, the insect eaters and the devourers of weed-seeds.

Chemistry of the air and of water; the nature of combustion. Soil-experiments, to show constituents, organic and inorganic, power to retain moisture, effects of drainage. The meaning of fertility of soil.

The thermometer and barometer, how made and used. Electrical and magnetic energies, how used in machinery, telegraphy, lighting and heating.

*Geography two divisions.* Scope of work, as in grades VII and VIII in Special Prescriptions for a school of eight grades.

*History—Two divisions,* as in Geography. Lower division: History of Canada, from 1713 to 1867, with instruction centering around a few great personages and great events. The story of England from Cromwell to George III told orally. Renewed reference to ancient peoples, personages, and bible-lands. Our social institutions and philanthropic endeavours. Upper division: History of Canada, from 1867 to the present. History of England from George III to the present. The principles of representative and of responsible government.

*Physical Training.* Two to five minutes three times a day.

*Singing.* At least three songs, with notation (sol-fa, or staff). At least three other appropriate folk songs, national songs, hymns, Easter or Christmas carols, sung with expression and with three stanzas of each memorized.

*Constructive Exercises,* in cardboard or wood, of such articles as a wall-pocket, pin-tray, wall-bracket, magazine cover, paper-knife, fish-line winder, book-rest for table; geometrical solids, made to measurements; clay-modeling, if desired; needle-work; book-stitching, making and repairing.

## 222. COUNTY ACADEMY ENTRANCE EXAMINATION, 1918.

The regular mode of admission into county academies shall be by an entrance examination in the last week of the school term in June, *mainly on the subjects of Grade VIII.* There shall be six subjects of examination as follows, the questions being sent out from the education office:—(1) *Reading*—to be tested by the examiners on the Grade VIII reading. *Music*—Candidates known from individual or class exercises, or from reliable certificates, to be able to sing, especially when they have a practical acquaintance with any system of musical notation, may receive an extra mark as a bonus under this head at the option of the examiner, provided the *Reading* is passable. (2) *Language.* (3) *Drawing and Book-keeping.* (4) *Geography and History.* *Geography* as in Calkin's *Introductory History of Canada* as in Calkin's *Brief History of Canada*, and *History of England* as in *Brief History of England.* (5) *General Knowledge* including (a) The five families, Crowfoot, Rose, Heath, Violet and Lily; with the important native tribes, and the common weeds and insects injurious to agriculture. [*Britain's Elementary Agriculture—“First Year Course” and “Common Weeds.”*] (b) The Common rocks and minerals of Nova Scotia. (c) A few of the common birds. (d) *School Hygiene.* (e) *Mechanic or Domestic or Rural Science.* (f) *Music as in Regulations and Physical Training.* (6) *Mathematics.* [See Reg. 219].

For a pass, 60% will henceforward be required on both English and Arithmetic. Dictation of memorized literature and correct writing of a list of commonly misspelled words may be required.

## SPECIAL PRESCRIPTIONS FOR HIGH SCHOOL GRADES.

### 223. HIGH SCHOOL PROMOTIONS.

(1) Description by drawing as well as by writing may be required in any question and should always be used when brevity or clearness may be gained.

(2) Generally the “High School (or low) Pass” in all grades shall be an average of 50% with no subject below 30% on a group of six subjects for grades IX, X, and XI; and on a group of nine papers with no subject below 30% (in the case of two papers an average of 30%) for grade XII.

(3) Generally the “Teachers’ (or high) Pass” shall be an average of 60% on a group of six subjects in grades IX, X and XI; and on a group of nine papers for grade XII, with no subject below 40% (in the case of two papers an average of 40%). 50% however must be made on *English* in each grade for a “Teachers’ (or high) Pass.”

(4) Candidates may write on more than the *six* subjects or *nine* papers indicated in (2) and (3). In such cases the "pass" shall be determined by the group including the *highest* six subjects or the minimum group of subjects as the case may be. A "pass" requires the fulfilment of all conditions specified in special regulations which refer to it elsewhere, as well as the general regulations above.

(5) Two hours shall be given at examination for each paper which shall contain eight questions.

(6) When a candidate wishes to raise a "Low Pass" to a "High Pass," he shall be required to make an average of at least 60% on each subject not previously up to *this* standard. That is, a "High Pass" by partial examinations will require at least sixty per cent on every subject. This can be necessary only when a candidate is not writing for higher grade, and therefore all such supplementaries can be taken on the papers of the regular examination.

(7) The "Low Pass" admits to the corresponding class in the Provincial Normal College, whose faculty can raise it to the "High Pass" on evidence of improved scholarship without which the Normal diploma cannot be awarded.

(8) Candidates for Grade XII certificates (Low Pass) who fail on account of being too low in not more than two subjects, but who have made the "Low" average pass on the other subjects and 50% on English, shall have the privilege of completing the *pass* at a subsequent examination by making at least 50% on each of the nine papers not previously up to *this* standard and 60% on English. Failing in this test candidates making an average of 50% on English and an average of fifty on six subjects may be granted a *low* grade XI pass.

(9) Candidates for Grade XII certificates who fail on account of being too low in not more than two subjects, but who have made a "high" average pass on the other subjects and 50% on English, shall have the privilege of completing the *high pass* at a subsequent examination by making at least 65% on English, and 60% on each of the nine papers not previously up to *this* standard. Failing in this test candidates making 60% on English and an average of sixty on six subjects may be granted a *high* grade XI pass.

(10) From one to three points may be added by the examiner for specially good writing. Bad writers have no right to be

admitted to an examination except on certificate of physical defect, and if examined, the papers are subject to a deduction of marks. One point shall be deducted for every mis-spelled word.

(11) The High School subjects to be taught in a rural, or incompletely graded high school, shall be determined (subject to the school law) by the school board in agreement with the principal, with an appeal to the Inspector and from him to the Council, in case of disagreement or dissatisfaction.

(12) Any subject deemed to be of importance in any community may be put on the program of a school by the school board, with the consent of the Education Department.

(13) No school is advised to undertake the work of Grade XII with less than a staff of four regularly employed high school teachers.

(14) A candidate who has taken Latin and no French in Grade IX may take the IX French paper instead of the regular one in Grade X and the X French paper in Grade XI, provided a 60 or 50 per cent mark is made respectively for a high or a low pass in each case. But the substitution of a lower grade work for that of a higher will be allowed under no other conditions than specified above. The candidate should state this fact in his application for examination as well as in his final examination declaration so as to allow of its verification.

(15) Teachers are required to make themselves acquainted with the probable future requirements of pupils by consultation with them and their parents or guardians, before advising the selection of the optional subjects. Those who are likely to attend the universities, etc., should select the subjects required for matriculation. The same policy will apply to others.

"High School students who look forward to teaching and who have in view their professional preparation at the Normal College should, as far as possible prepare themselves in the mathematics and natural science of the high school grades. Postponement of the study of these branches till the Normal College period places a candidate at a serious disadvantage not only in seeking the diploma of the Normal College, but, later, as a teacher in the public school." *Reg. IV. Nor. Coll.*

"Candidates for a Domestic Science Diploma must hold a class B License or a High School certificate of grade XI, with a teachers' pass in the science subjects of grades IX, X, XI, or the equivalents." *Reg. 261 (b) C. P. I.*

("The advisory Board recommends that every high school pupil take at least one foreign language during each year of the high school course; and where more than one foreign language is taken, the Board recommends that one of these languages be Latin. The Board considers that a knowledge of Latin and another foreign language by all teachers is highly desirable.")

103. (a) Candidates failing to make a high school (or low) pass in the grade applied for shall be ranked as making a high school (or low) pass in the grade next below, provided an average of 40 per cent with no subject below 25 (in the case of two papers an *average* of 25) be made; and as making a pass in the grade second below, provided an average of 30 per cent be made.

(b) Candidates failing to make a teachers' (or high) pass in the grade applied for shall be ranked as making a teachers' (or high) pass in the grade next below, provided an average of 50 per cent be made with no subject below 30 (in the case of two papers an *average* of 30); and as making a teachers' pass in the grade second below, provided an average of 40 per cent be made. A high pass of any grade ranks as a low pass of the grade next below.

## 224. HIGH SCHOOL PROGRAM.

### For the Year Beginning August, 1917.

**Note.**—The prices of the various books may be found in the price list of the **Nova Scotia School Book Bureau.**

Books which have an asterisk (\*) prefixed are liable to be replaced by others at the end of the school year, July, 1918.

### Grade IX.

(English and any other *five* subjects imperative).

1. **English:**—(a) **Literature:**—*Ontario High School Reader* by Marty (Can. Pub. Co.), to the end of page 168, including the introductory chapter on the "Principles of Reading," with critical study, word analysis, prosody and recitations. (b) **Composition:**—*Ontario High School English Composition* (Copp, Clark) Part 1, pages 1-159, with essays, abstracts and general correspondence so as to develop the power of fluent and correct expression in writing. (c) **Grammar:**—\* *N. S. English Grammar* (MacKinlay) except notes and appendix, with easy exercises in parsing and analysis. (d) **Spelling:**—*Nova Scotia Public School Speller* (Copp, Clark), pages 169 to 183 both inclusive.

2. **Latin:**—*Ontario High School Latin Book* by Robertson and Carruthers (Educ. Book Co.), to end of Lesson XLII, page 152, omitting the (B) exercises.

[The Roman (phonetic) pronunciation of Latin is to be used. Great care should be taken from the very beginning to teach the student to pronounce accur-

ately, giving attention both to quantity and accent, and to read the Latin fluently and intelligently. The various word-lists throught the book should be thoroly mastered with a view to the acquiring of a good working vocabulary. Recitation of memorized passages and conversation should be practised in every foreign language studied.]

3. **French**:—*Ontario High School French Grammar* by Fraser and Squair (Copp, Clark), Lessons I to XXX inclusive. Bertenshaw's *First Conversational French Reader* (Longmans), Lessons 1 to 30 inclusive.

4. **Geography**:—Physical and Astronomical. *Calkin's General Geography* (MacKinlay), for general geography of continents and British Empire in detail.

5. **Arithmetic**:—*Academic Arithmetic* (Allen), to page 63.

[No examination questions will be taken from "Scales of Notation," "Continued Fractions" and "Recurring Decimals." Students wishing to excel in Mathematics are, however, strongly recommended to master these subjects.]

6. **Algebra**:—*N. S. High School Algebra* (Macmillan), to end of Chapter X.

7. **Drawing**:—(a) Morton's *Mechanical Drawing* (Allen), with the construction of the figures in Euclid, Book I.

(b) Model and object drawing and Thompson's *Manual Training, No. 2* (D. C. Heath).

8. **Science**:—Any two of these three subjects: (a) **Botany**:—Bailey's *Beginners' Botany* (Macmillan), and the study of the Wild Plants of the Phenological Observations, with the more common ferns in detail. (*Spotton's Botany* contains the most concise *flora* yet published for the use of students).

(b) **Agriculture**:—Brittain's *Elementary Agriculture and Nature Study, M. P. Edition* (Educ. Book Co.), "Second Year" Course, pages 115 to 243.

[The "first year" course and the closing chapters of the book on "fruit-growing" and "common weeds" will be valuable for general reading as well as for the practical application of Botany—and for the teacher in giving Nature Study lessons in Grade VIII.]

(c) **Physics**:—As in *Primer* or equivalent in the hands of the teacher only. The text book prescribed for Grade X should aid the teacher in giving oral instruction.

## Grade X.

(English and any other *five* subjects imperative).

1. **English**:—(a) **Literature**:—The same as in Grade IX, but more advanced scholarship required. (b) **Composition**:—*Ontario High School English Composition*, Part II, pages 160 to end of book, with special attention to the development of readiness and accuracy in written narrative, description, exposition and general correspondence.

(c) For outside reading and theme writing: Eliot's *\*Silas Marner* by Herrick (Longmans).

(d) **Grammar**:—\* *N. S. English Grammar* complete.

(e) **Spelling**:—*Nova Scotia Public School Speller*, pages 184 to end of book. (Appendix for reference only).

2. **Latin**:—*Ontario High School Latin Book*, from Lesson XLIII to the end of page 299, omitting the (B) and (C) exercises.

[The Roman (phonetic) pronunciation of Latin is to be used. Great care should be taken from the very beginning to teach the student to pronounce accurately, giving attention both to quantity and accent, and to read the Latin fluently and intelligently. The various word-lists thruout the book should be thoroly mastered with a view to the acquiring of a good working vocabulary. Recitation of memorized passages and conversation should be practised in every foreign language studied.]

3. **Greek**:—White's *First Greek Book* (Ginn & Co.), lessons 1 to end of XL.

4. **French**:—*Ontario High School French Grammar*, Lesson XXXI to LX inclusive with a review of the preceding lessons. *First Conversational Reader*, lessons 31 to end of book including the section on "Conversation."

5. **German**:—Joynes-Meissner's *Grammar* (D. C. Heath), to end of Lesson XXV, with Buchheim's *Modern German Reader, Part I*, (Ox. Univ. Press), *first* division only.

6. **History**:—*Ontario High School History of England* by Wrong (Macmillan), from Chapter IX to the end of the book. (The provincial examination questions shall be confined to this part of the History only altho the whole book is to be read by the pupils in class). Oral lessons by teachers based on *Canadian Civics, N. S. Edition* (Copp, Clark).

7. **Physics**:—*Elementary Physics for High Schools* by Merchant and Chant (Copp, Clark), (a) Parts I, II, III, IV and VI, and (b) *either* Part V, *or* VII, *or* VIII.

8. **Arithmetic**:—*Academic Arithmetic* complete.

[No examination question will be taken from "Average of Payments and Accounts" and "Clock Problems." Students wishing to excel in Mathematics are, however, strongly recommended to master these subjects.]

9. **Algebra**:—*N. S. High School Algebra*, Chapters XI to XIX, both inclusive.

10. **Geometry**:—Hall & Stevens' *School Geometry*. Part I (MacMillan).

### Grade XI.

(English and any other *five* subjects imperative).

1. **English**:—(a) Meiklejohn's *Outline of the History of English Literature* (Meiklejohn). (b) **Literature**:—Macaulay's *Life of Samuel Johnson* by Buehler (Longmans), and Shakespeare's *Julius Caesar* (Longmans). (c) For outside reading and theme writing: Stevenson's *\*Kidnapped* (Cassell).

2. **Latin**:—(a) Grammar and easy composition partly based on prose Authors read. (b) Caesar's *De Bello Gallico*, Book 1 and Vergil's *Aeneid*, Book 1, with grammatical and critical questions. (c) D'Ooge's *Latin Composition Part I*, based on Caesar (Ginn & Co.), first 46 lessons. (d) A thoro review of the accidence and syntax of the previous Grades IX and X.

[A knowledge of the elements of prosody sufficient for the scansion of the dactylic hexameter should be imparted by the teacher. The student should be taught to scan easily and accurately with attention to the meaning as well as the metrical form of the verse; and a few short passages of the *Aeneid* should be memorized, such, for example, as lines 148-153, 198-9, 201-3, 210, 462, 574, 630.]

3. **Greek**:—(a) Grammar and easy composition based partly on author read. (b) White's *First Greek Book* to end of Chapter LIX. (c) Xenophon's *Anabasis*, Book I, with grammatical and critical questions.

4. **French**:—Berthon's *Specimens of Modern French Prose* (Macmillan), omitting IV, VI, IX and X. *Ontario High School French Grammar*, Lessons LXI-XCII, with a review of the preceding lessons.

5. **German**:—Joynes-Meissner's *Grammar*, to end of lesson XLIV, with Buchheim's *Modern Reader*, Part I, complete. Review of Grade X German.



6. **History**:—Myers' *A Short History of Ancient Times* (Ginn & Co.).

7. **Chemistry**:—Evans' *Elementary Chemistry for High Schools* (Educ. Book Co.), omitting pages 171 to 186 inclusive. Or (only for those who made at least 60% on the Chemistry of Grade X) **Physics** as in Grade X.

8. **Practical Mathematics**:—Murray's *Essentials of Trigonometry and Mensuration* (Allen), omitting Part III.

9. **Algebra**:—Hall & Knight's *Elementary Algebra* complete, except Chapters XXIX, XXXV, XXXVI, XXXVIII (b), XXXIX (b), XL, XLI, XLII, XLIII, XLIV and XLV.

[For 1918-19, N. S. High School Algebra complete.]

10. **Geometry**:—Hall and Stevens' *School Geometry*, Parts II, III and IV, omitting pages 207 to 218 and pages 244 to 246.

## Grade XII.

(Leaving Examination).

[Nine papers out of fifteen on the following twelve subjects constitute a full course. The following subjects are imperative:—English, two foreign languages, one mathematical and one scientific subject; except that those who take both Latin and Greek may omit the scientific subject and those who make an average of 70 (High Pass) or 60 (Low Pass) on English, may omit foreign languages].

1. **English** (Two papers):—(a) **Language**:—Lounsbury's *English Language* (Bell), or Bradley's *The Making of English* (Macmillan). (b) **History of English Literature**:—Pancoast and Shelly's *First Book in English Literature* (Holt).

(c) **Literature**:—Shakespeare's *\*Merchant of Venice* (Longmans); Milton's *Paradise Lost*, Books I and II, edited by Hale (Longmans); and the following extracts from *Selected Speeches on Foreign Policy* (Oxford Univ. Press), namely, Gladstone's "The Neutrality of Belgium" and "Right Principles of Foreign Policy," Sir Edward Grey's "Negotiations," and Lloyd George's "International Honor."

(d) The following books for outside reading and theme writing:—Stevenson's *\*Master of Ballantrae* (Macmillan), Jeffries' *Longer Narrative Poems* (Macmillan), and the following

extracts from *Selected English Short Stories* (Oxford Univ. Press), namely "The Squire's Story," "Rab and His Friends," "The Seven Poor Travellers," "Markheim" and "Christopher-son."

2. **Latin** (Two papers):—(a) D'Ooge's *Latin Prose Composition, Part I*, lessons 47 to 85. Sight Translation. Grammar: All of the accidence and syntax contained in the *Ontario High School Latin Book* and D'Ooge's *Latin Prose Composition, Part I*, supplemented by notes given by the teacher with reference to some good Latin grammar.

[Besides a careful review of the accidence as given in the grammar and the due consideration of all the ordinary principles of syntax as they are met with in the texts which are read, it is suggested that some special attention and systematic study be given to the following. The expression of wishes; commands and prohibitions; questions, single and double, direct and indirect; final clauses and other ways of expressing purpose; consecutive clauses, causal clauses; conditional clauses; independent uses of the subjunctive; the main principles of the indirect discourse.]

[It is recommended that more time be given in class to sight translation and composition.]

(b) Caesar's *De Bello Gallico, Books II, III and \*IV*; and Vergil's *Aeneid, Book II*, with questions on grammar and subject matter.

3. **Greek** (Two papers):—(a) White's *First Greek Book* complete and reviewed. Sight Translation. Easy Composition partly based on the prose author read.

(b) Xenophon's *Anabasis, Books II and III*, with questions on grammar and subject matter.

4. **French**:—Sandeau's *Sacs et Parchemins* by Pellissier (MacMillan); Corneille's *\*Polyeucte* by Braunholtz (Pitt Press); Augier & Sandeau's *\*Le Gendre de M. Poirer* by Preston (Blackie & Son); with questions on grammar and composition, *Ontario High School French Grammar* complete.

5. **German**:—Buchheim's *Modern German Reader, Part II*, to end of selection 10, second division; and Schiller's *Wilhelm Tell* by Carruth, Acts I, II, III and IV (Macmillan). Joynes-Meissner's *Grammar for Grammar and Composition*.

6. **Algebra**:—Hall & Knight's *Senior Matriculation Algebra* (Macmillan). (A reprint of the first 19 chapters of the old and larger text).

7. **Geometry**:—Hall & Stevens' *School Geometry*, Parts V and VI, omitting pages 306 to 310 and pages 411 to the end.

8. **Trigonometry**:—(a) *Plane*: Murray's *Plane and Spherical* (Longmans). (b) *Spherical*: Murray's *Plane and Spherical*, Chapters I, II, III and IV.

9. **Physics**:—*Ontario High School Physics* (Copp, Clark) complete and *Laboratory Manual*.

10. **Botany**:—Bergen and Davis' *Principles of Botany* (MacMillan).

11. **Chemistry**:—Newell's *General Chemistry*, Parts I and II (one volume) (Heath & Co.).

12. **History**:—Myers' *A Short History of Medieval and Modern Times* (Ginn & Co.). The two history texts for Grades XI and XII bound in one volume may be had from the School Book Bureau.

### COMMERCIAL COURSE.

#### Authorized for the Halifax County Academy.

The commercial course is regarded as a fourth year course of the High School. Students entering it have a Grade XI certificate and have made at least 60 per cent. in English of Grade XI, Arithmetic of Grade X, and Geography of Grade IX. Such students can complete the course in one year. Those having lower attainments may enter the course provided there is accommodation. They cannot, as a rule, graduate in one year.

	Periods or Sessions per week.	Pass Mark.
Double Entry Bookkeeping . . . . . (Kaulback & Shurman's)	2 sessions	60 p. c.
Commercial Correspondence . . . . . (E. Werner's)	1 period	60 p. c.
Commercial Law . . . . . (Wm. H. Anger's)	1 period	60 p. c.
Penmanship . . . . . (C. C. Lister's)	2 periods	75 p. c.
Shorthand . . . . . (Isaac Pitman's)	5 periods	75 p. c. & 100 words per minute.
Typewriting . . . . . (A. J. Barnes')	10 periods	{ Tabular, 75 p. c. Speed, 35 words per min.
Political Economy . . . . . (Jevon's Primer—Fawcett's for reference)	1 session	60 p. c.

A period is 45 minutes, a session at least one hour.

## NOVA SCOTIA TECHNICAL COLLEGE.

### Correspondence Instruction Department.

The Nova Scotia Technical College has opened a new department of correspondence instruction and has appointed Prof. W. S. Ayars director of this new branch of work. He is well qualified by training and experience to conduct this new enterprise. He is a graduate in Mechanical engineering of the University of Lehigh and has taught various subjects in this department of instruction in the University of Pennsylvania, Pratt Institute in Brooklyn, N. Y., and the Technical College in Halifax. He has had long practical experience in machine-tool industries, in the Mercantile Marine, as sales engineer for a large firm in the West and as practising engineer for the Chicago, Milwaukee and St. Paul, R. R.

### COURSES.

The correspondence courses which are now ready for distribution are as follows:—

Shop Arithmetic	Steam Boilers
Advanced Shop Mathematics	Heat as Applied to Steam Engineering
Practical Algebra	Simple Steam Engines
Geometry and Trigonometry	Compound Steam Engines
Mechanical Drawing	Gasoline Automobile
Machine Drawing	Gas Engine Ignition
Elementary Machine Design	Dressmaking

Many other courses are in preparation and will be announced shortly. Each of the courses is eminently practical and especially adapted for the needs of students in this province.

The Price of the courses is very moderate, each one costing only \$10.00 except the Dressmaking course and it is only \$5.00.

### STAFF OF EXAMINERS.

Prof. J. W. Crowell of Mt. Allison is the examiner of the class in the Gasoline Automobile; Prof. F. R. Faulkner of the Technical College is the examiner for the course in Practical Geometry, Algebra and Trigonometry. The other examiners are all competent to explain away any difficulty which a student in his special course might meet. A great advantage which

these courses at the Technical College present to Nova Scotians is the short lapse of time which may occur between the asking and answering of a question by mail.

**SYLLABI.**

As samples of the thoroughness and the special adaptation of the subject for practical ends, synopses of three of the courses are appended.

**Shop Arithmetic.**

Common Fractions; Money and Wages; Decimal Fractions; Percentage; Circumferences of circles; Cutting and Grinding speeds.

Pulley and Belts; Ratio and Proportion; Pulley and Gear Trains; Change Gears.

Areas and Volumes of Simple Figures:—Squares; Square Root; Cubes and the Higher Powers; Square Measure; Area of a Circle; The Rectangle; The Cube; Volumes of Straight Bars; Weights of Metals; Short Rule for Plates; Weight of Casting from the Pattern.

Mathematical Tables: Levers: Tackle Blocks: The Inclined Plane and Screw: Work, Power, Energy: Horse-power of Belting: Horse-power of Engines: Mechanics of Fluids: Heat: Strength of Materials.

**Advanced Shop Mathematics.**

Formulae such as are used in Shop Practise: Explanation of Algebraic Terms: Algebraic Addition and Subtraction: Transformation of Formulae: Solution of Simple Equations: Tables and Curves: Geometric Problems: Construction of Geometric Figures: Areas of Geometric Figures: Rectangle: Triangle; Parallelogram; Trapezoid; Pentagon, hexagon, octagon; Ellipse; Any irregular figure: The Plainimeter: Volumes and Surfaces of Solids: Elementary Trigonometry: Screw Treads and Spirals: Acme screw threads; Brown and Sharpe worm threads; Briggs standard pipe threads; Whitworth standard screw threads; British Association screw threads. French standard screw threads; International standard screw threads; Buttruss threads; Square threads; Spiral gears.

Solution of Triangles: Logarithms.

### The Gasoline Automobile.

*General Construction:* Types of cars, Chassis, Frame, Springs, Steering gear, Axles, Differential, Power plant and transmission, Torque arm, Strut rods, Brakes, Wheels, Tires, Rims, Speedometer Drive, Control system.

*Engines:* Explosions, Cycles, Valves, Two and four-stroke engines, Flywheel, Ignition, Clearance and Compression, Piston cooling, Cylinder cooling, Muffler, Horse power.

*Power Plant Groups and Transmission Systems:* Single and multi-cylinder engines, Power plant and transmission arrangements, Clutches, Change gear sets, Planetary gearing, Universal joints and drive shaft, Final drive, Types of live rear axles.

*Fuels and Carbureting Systems:* Hydrocarbon oils, Gasoline gas and air mixtures, Principles of carburetor construction, Types of carburetors, Carburetor adjusting and control, Gravity pressure and vacuum feed systems; Intake manifolds; Care of gasoline.

*Lubrication and Cooling:* Friction and lubricants, Cylinder oils, Systems of engine lubrication, Systems for cooling.

*Batteries and Battery Ignition:* Electrical definitions, Connections, Ignition systems, Timers, Spark plugs, Master vibrators, Spark advance and retard, Automatic spark advance.

*Magnetos and Magneto Ignition:* Magnetism, Mechanical generation of current, Types of magnetos and systems of ignition, General suggestions on magnetos, Common magneto ignition definitions.

*Starting and Lighting Systems:* Types of starters, Wiring systems, Types of starting and lighting systems, Care of starting and lighting apparatus. Troubles:—Starting motor, generator and battery. Winter care of batteries. "Don'ts" on starting equipment.

*Automobile Troubles and Remedies:* Power plant, Engine, Carburetion, Ignition, Lubricating and cooling, Starting and lighting, Transmission, Chassis.

*Operation and Care:* Preparations for starting, Cranking, How to drive, Use of the brakes, Care in driving, Knowing the car, Spring overhauling, Washing car, Care of tires, Tire troubles, Figuring speeds, Interstate regulations, Canadian regulations, Touring helps, Route books, Cost records.

## 226. THE UNIVERSITY GRADUATES EXAMINATION.

230 [Minor subjects may be passed during the undergraduate course. See Reg. (c).]

The university graduates testing examination shall be upon two series of papers—the *higher* of university “graduation distinction” standard, the *lower* of university “graduation pass” standard. The university graduate examination “pass” shall require at least a paper in each group of subjects, English, Foreign Languages, Mathematics, and the Sciences:—with.

(1) A pass (50%) in at least *one subject* of the higher standard (*major* subjects).

(2) A pass in *five other subjects* of the lower standard (*minor* subjects).

(3) Certificates of the following university courses or approved equivalents taken and passed by candidates shall be imperative and must be taken later than the first year of the university course, namely:—Logic and Psychology, and any two of the following: Ethics, Political Economy, Sociological Science, Modern Philosophy, History.

## 227. SYLLABUS OF THE HIGHER STANDARD.

[Two papers, three hours long, on each subject].

**English.**

(A) History of the English Language as in Lounsbury or Emerson and a general idea of the history of “English Spelling and Spelling Reform” as in Lounsbury.

(B) History of Nineteenth Century English Literature, as in Herford’s “The Age of Wordsworth” (1798-1832), and Walker’s “The Age of Tennyson” (1830-1879).

(C) A thoro knowledge of the following works:—Dowden’s “Selections from Wordsworth,” Browning’s Shorter Poems by Baker, Tennyson’s Shorter Poems by Nutter, Palgrave’s Golden Treasury of Songs and Lyrics (Book IV), Pancoast’s “Standard English Prose” (the selections from Lamb to Stevenson).

(D) Ten Brink’s History of Early English Literature (Vol. I).

(E) Bright's Anglo-Saxon Reader (the introduction and Parts I, II and IV).

(F) Morris' Specimens of Early English, Part I (Extracts ix to xviii inclusive).

[N. B. All candidates are expected to have a thoro knowledge of the principles of Composition. To ensure the possession of this knowledge and of the ability to make practical use of it, the writing of an Essay on some one of the several given subjects will form an important part of this examination].

### Foreign Languages.

Translation at sight, from any ordinary authors, with Grammar (including Prosody), Composition, and a fair knowledge of the national, social, institutional and literary history of the people whose language is dealt with, in any two of the following languages:—Latin, Greek, French, German.

[Extracts will be set from at least three prose and three poetical authors in each language. In French and German the candidate's ability to use the spoken language may be tested by one or more questions requiring *viva voce* examination].

### Mathematics.

(A) Algebra, Geometry and Trigonometry as in *Grade XII*.

(B) Plane and Solid Analytical Geometry, including the general equation of the second degree. Differential and Integral Calculus, as in Murray's *Infinitesimal Calculus*.

### Sciences.

Any *one* of the following:

#### Physics.

(A) A knowledge of *General Physics*, as in "A Textbook of Physics" by Watson (unstarred sections), or any equivalent.

(B) The presentation of note books describing the *laboratory Experimental work* of the candidate, duly certified by the Instructor, the work to consist of at least 50 experiments of recognized University work (e. g. as in Ames and Bliss' "Manual of Experiments in Physics"). In cases where the candidate can-



not present note books satisfactory to the examiner, the test may be made by a practical laboratory examination.

(C) *Elementary Mathematical Physics*. A knowledge of the results obtained by the application of elementary mathematics to physical problems; such as might be obtained during a course of lectures of two or three hours per week running thru two years. The grade of work such as is given in Preston's "Theory of Heat," Preston's "Theory of Light", and J. J. Thomson's "Elements of Electricity and Magnetism", or their equivalents.

### Chemistry.

(A) *Inorganic Chemistry* as in Smith's "General Inorganic Chemistry," or an equivalent; with laboratory work in General Chemistry, which should include the preparation of some typical gases, acids, and salts, and at least five or six quantitative experiments in illustration of the fundamental laws of Chemistry. The laboratory work may be partially tested by requiring the candidate to produce a properly certified record of his experimental work.

(B) *Organic Chemistry* as in Remsen's "Compounds of Carbon," or an equivalent to be accompanied by laboratory work, which should include the preparation of at least 20 typical carbon compounds. The laboratory work may be tested partly by questions in the papers on Chemistry, and partly by requiring the candidate to produce specimens of his preparations properly certified to be his own work.

(C) *Analytical and Physical Chemistry*, including:

(1) *Qualitative Analysis* of the common acids and bases.

Candidates may be tested by a practical laboratory examination and by questions in the Chemistry papers.

(2) *Quantitative Analysis*. The estimation of the following elements in their common compounds:—Chlorine, Sulphur, Phosphorus, Carbon (in carbonates), Silicon, Silver, Copper, Calcium, Magnesium, Lead, Iron; Carbon and Hydrogen in organic compounds. Candidates may be tested by a practical exercise in the laboratory and by questions in the Chemistry papers.

(3) *Physical Chemistry*, as in Talbot and Blanchard's "Electrolytic Dissociation Theory" and Walker's "Introduction to Physical Chemistry."

(D) *Outlines of Chemistry*, as in Tilden's "Short History of Scientific Chemistry," Thorpe's "Essays in Historical Chemistry," "Justus von Liebig" and "John Dalton" in the Century Science Series.

### Biology.

(A) *Botany* as in *Principles of Botany* and *Laboratory and Field Manual* by Bergen and Davis. A practical knowledge of the system of classification and the use of Manuals, as Gray's. An acquaintance with (a) the common Spermatophytes and Pteridophytes of Nova Scotia and (b) type species of native Bryophytes and Thallophytes representing the more common classes or orders. The exhibition of and examination upon a collection of fifty species correctly determined and well mounted by the candidate under (a), and of twenty-five (counting microscopic slides) also mounted and determined under (b). As evidence of the character and scope of the practical work done by the candidate, laboratory note books with drawings, properly certified, must be submitted at the examination, and the written papers may be supplemented by *viva voce* examination and tests in laboratory work and manipulations.\*

(B) *Zoology* as in Hertwig's *Manual of Zoology* (translated by Kingsley). A practical knowledge of the system of classification and the use of manuals as Jordan's. An acquaintance with (a) the more common vertebrate fauna of Nova Scotia, and (b) typical species of the classes of native invertebrates. The exhibition of and examination upon at least fifteen specimens under (a) and at least twenty-five microscopic or macroscopic specimens under (b), all correctly determined and neatly mounted or prepared by the candidate. As evidence of the character and scope of the practical work done by the candidate, laboratory note books with drawings, properly certified, must be submitted at the examination and the written papers may be supplemented by *viva voce* examination and tests in laboratory work and manipulation.\*

(C) *Economic Biology*. A knowledge of the more common injurious weeds and insect pests of the Province; also of the biological role of Bacteria in relation to Agriculture. Works of reference: *Farm Weeds of Canada*; *Economic Entomology* by Smith and *Bacteria in relation to Country Life* by Lipman.

\*The candidate must show his ability to dissect macroscopically and microscopically, to make microscopic sections, and have an elementary knowledge of microscopic technique. A monograph upon, or a special study of, any biological group of species, may be accepted according to its merits as supplementing defects in collections, etc. Any original work showing a knowledge of the subject will enhance the candidate's standing.

(D) *History of Biology*. Prescribed readings: *From the Greeks to Darwin* by Osborn; *Origin of Species* by Darwin; *Darwinism Today* by Kellog.

### Geology and Mineralogy.

(A) *General Geology as in College Geology* by Chamberlin and Salisbury, or an equivalent, and *Canadian Geology as in Geology and Economic Minerals of Canada* by Young and Brock.

(B) *Economic Geology*. The origin, mode of occurrence and uses of economic minerals as in Ries' the *Economic Geology of the United States*, and the distribution of these in Canada, as in *Geology and Economic Minerals of Canada*.

(C) *Petrography and Mineralogy*. Such a knowledge of rocks as will enable one roughly to determine specimens in the field. The determination of typical rocks in their section. A knowledge of the important economic minerals, and their determination by physical properties, and simple blow-pipe tests.

(D) *Practical Geology*. The identification of structural and topographical features. A knowledge of the methods employed in conducting geological surveys, and in the construction of geological maps and sections and their interpretation.

The exhibition of certified class notebooks, drawings, maps and sections, etc., made by the candidate. (The *viva voce* examination may include practical work in the field, and the identification of the more common fossils, minerals, rocks, etc., and petrographic microscopic as well as macroscopic characters).

(E) *An Historical Outline of Geology* as in Geike's *Founders of Geology*, or an equivalent, and some acquaintance with the leading present-day workers.

### 228. SYLLABUS OF THE LOWER STANDARD.

[One paper three hours long on each subject, supplemented by *viva voce* examination and practical demonstration at the option of the examiner.]

#### English.

As in (A), (B) and (C) of the Higher Standard.

[All candidates are expected to have a thoro knowledge of the principles of Composition. To ensure the possession of

this knowledge and of the ability to make practical use of it, the writing of an Essay on some one of several given subjects will form an important part of the examination.]

### Foreign Languages.

As in the higher standard but with easier questions. In French and German the candidate's ability in the spoken language may be tested by one or more questions requiring *viva voce* examination.

### Mathematics.

As in (A) of the higher standard.

### Sciences.

Any of the following:—

*Physics*: As in (A) of the higher standard.

*Chemistry*: As in (A) of the higher standard, omitting the sections of the text book in small print.

*Biology*: As in (A) or (B) of the higher standard, together with an outline of the history of Biology, as in *The Science of Life* by Thomson, and *Bacteria in Relation to Country Life* by Lipman.

*Geology and Mineralogy*: As in (A) of the higher standard, and Miller's *Minerals and How They Occur*. Some knowledge of field work and map making as in (D) of the higher standard, which may be tested mainly in the *viva voce* examination.

### 229—Non-Graduate Candidates.

Candidates who have not graduated from a recognized University, if they have spent at least four academic years in study after attaining the grade XII standard of scholarship, and have obtained a pass on the testing provincial University graduate examination, may be admitted to a special examination on the remaining subjects of a full university course, in order to obtain the standing of a graduate of a recognized university under those regulations. But the cost, syllabus and time of any such examination have not at present been determined.

## 230—General Rules of Examination.

(a) Options will be given when questions deal with minute details in subjects of wider range, in the sciences especially, with the object of equalizing the effects of different instructors, and texts are mentioned merely to indicate the comprehensiveness and intensiveness of the study required.

(b) An average of fifty per cent and fifty on the *major*, with none below forty on the *minor* subjects, is required for a pass, provided the candidate also passes in the practical and *viva voce* examination. An average of forty per cent will be accepted as a teachers' pass on grade XII, and of thirty per cent as a teachers' pass on grade XI, provided English and the *major* do not fall below the pass mark.

(c) A candidate may also pass by *partial* examinations (that is, on one or more subjects in different years) by making at least fifty per cent on each *minor* subject while an undergraduate or graduate, and at least fifty per cent on a *major* subject after graduation from the university.

(d) The examination will be held in The Technical College, Halifax, during the third week in August, for the convenience of laboratory demonstration and *viva voce* examination.

(e) A *preliminary notice* stating the intention to make application, and specifying the details to be proven and subjects to be taken, should be sent in to the Superintendent not later than the first day of May preceding.

Application for examination should be made to the Superintendent of Education before the first day of June, stating the higher and lower subjects to be written upon, and furnishing *proof* (1) of having matriculated into a university on a standard approximately as high as the pass of Grade XII of the provincial high school, (2) of having taken thereafter a full course of four academic years, three of which must have been the second, third and fourth years of the university course, and (3) of graduation as recognized in the regulations preceding.

(f) There shall be no fee for examination.

## 231.—Publishers of Texts Mentioned.

- Emerson's "History of the English Language" (Macmillan).  
 Lounsbury's "English Language" . . . . . (Henry Holt & Co.).  
 Lounsbury's "English Spelling and Spelling  
 Reform" . . . . . (Harpers).  
 Herford's "The Age of Wordsworth" . . . . . (Bell & Sons).  
 Walkers "The Age of Tennyson" . . . . . (Bell & Sons).  
 Dowden's "Selections from Wordsworth" . . . . . (Ginn & Co.).  
 Baker's "Browning's Shorter Poems" . . . . . (MacMillan).  
 Nutter's "Tennyson's Shorter Poems" . . . . . (MacMillan).  
 Palgrave's "Golden Treasury" . . . . . (MacMillan).  
 Pancoast's "Standard English Prose" . . . . . (Holt & Co.).  
 Ten Brink's "History of English Literature" (Bell & Sons).  
 Bright's Anglo Saxon Reader . . . . . (Holt & Co.).  
 Morris's Specimens of Early English, Part I (Clarendon Press).  
 Murray's Infinitesimal Calculus . . . . . (Longmans).  
 Watson's Text Book of Physics . . . . . (Longmans).  
 Preston's "Theory of Heat" . . . . . (Macmillan).  
 Preston's "Theory of Light" . . . . . (Macmillan).  
 J. J. Thompson's "Elements of the Mathe-  
 matical Theory of Electricity and Mag-  
 netism" . . . . . (Cam. U. Press).  
 Smith's "General Chemistry" . . . . . (Century Co.).  
 Smith's "General Inorganic Chemistry" . . . . . (Century Co.).  
 Remson's "Compounds of Carbon" . . . . . (D. C. Heath Co.).  
 Talbot and Blanchard's "Electrolytic Dis-  
 sociation Theory" . . . . . (Macmillan).  
 Walker's "Introduction to Physical Chem-  
 istry" . . . . . (Macmillan).  
 Tilden's "Short History of the Progress of  
 Scientific Chemistry" . . . . . (Longmans).  
 Thorpe's "Essays in Historical Chemistry" . . . . . (Macmillan).  
 Shenstone's "Justus von Liebig" in Cen-  
 tury Science Series . . . . . (Macmillan).  
 Sir H. E. Roscoe's "John Dalton" in Cen-  
 tury Science Series . . . . . (MacMillan).  
 Bergen and Davis' "Botany and Laboratory  
 Manual" . . . . . (Ginn & Co.)  
 Gray's "Manual of Botany" (Seventh  
 Edition) . . . . . (Am. Book Co.).  
 Jordan's "Manual of Vertebrates" . . . . . (McClurg & Co.).  
 "Bacteria in Relation to Country Life" by  
 Lipman . . . . . (MacMillan).  
 "Darwinism To-Day" by Kellogg . . . . . (H. Holt & Co.).  
 "From the Greeks to Darwin" by Osborne . . . . . (Macmillan).  
 Thompson's "Science of Life" . . . . . (Blackie & Son).

- Jordan & Kellogg's "Animal Life" . . . . . (D. Appleton).  
 Bower's "Practical Botany for Beginners" (Macmillan).  
 Hand Book of Instructions for Collectors . (Brit. Museum).  
 Scott "Introduction to Geology" . . . . . (Macmillan).  
 Salisbury's "Physiography" . . . . . (H. Holt & Co.).  
 Miller's "Minerals and How They Occur" . . (Toronto).

## 232. TEXT BOOKS FOR PUBLIC SCHOOLS.

In performing the duty of selecting and prescribing text books for the Public Schools, the Council of Public Instruction has availed itself as fully as possible of the knowledge and experience of those who are engaged in the practical work of education. The sole aim of recent modifications has been to secure at a reasonable cost, a series of texts *adapted for use in schools*. Change in authorized books is in itself a very undesirable thing.

Instructors and teachers are reminded—

(1) That the course of study for common schools encourages an economical expenditure for the text books by providing a system of oral instruction for junior classes. Too many teachers try to satisfy themselves in respect to their more youthful pupils by placing in their hands text books not needed in any case, and worse than useless when unaccompanied by proper oral exposition. A text book should not be required for a child until he is prepared to use it intelligently.

(2) That the regulation which makes it illegal and improper for a teacher to introduce unauthorized texts, by no means hinders him from giving his pupils the benefit of other treatises to whose explanations he may attach importance. The progressive teacher will always have such aids within reach, and will so use them as to impart variety and interest to his instructions.

Under no circumstances, however, should the teacher order the pupils to purchase these other books which are *not* prescribed. The prescribed text book, on any subject, is the only one the pupils are expected to purchase.

(3) Under section 81 (*e*) of the Education Act, school sections can vote money for the purchase of prescribed school books, and school trustees are free to arrange to distribute them at *cost, at reduced price, or free* to all pupils of their schools, or to pupils who cannot afford to buy them.

(4) *The school trustees or school boards are the proper parties to take charge of the supply of books for they are in continual and close touch with the school. They can allow those who desire to own their books to do so; and the deserving indigent can be supplied free. Both oversight and economy can be easily maintained under the management of the local trustees. This scheme may be put into practise with very little effort on the part of the trustees or members of the school board; and a section which once voted the money for school books could have it recouped annually, and so with very little more cost year by year could continue to supply its pupils indefinitely.*

(5) Following is a list of the prescribed texts, together with the grades in which they are used, which are prescribed for the public schools of Nova Scotia during the school year beginning 1 August, 1917.

\*Not stocked by School Book Bureau.

#### BOOKS PRESCRIBED FOR COMMON SCHOOL GRADES.

- N. S. Primer, Grade I, [July, 1919].
- N. S. Reader No. I, Grade II.
- N. S. Reader No. II, Grades III & IV.
- N. S. Reader No. III, Grades V & VI.
- N. S. Reader No. IV, Grades VII & VIII.
- Nova Scotia Public School Speller, Grades III to VIII.
- Acadian Reader No. I, Part I, Grade I.
- " " No. I, Part II, Grade I.
- " " No. I, Complete, Grade I.
- " " No. II, Grade II.
- " " No. III, Grade III.
- " " No. IV, Grade IV.
- N. S. Common School Arithmetic, Grades III to VIII.
- Marshall's Bookkeeping, Grade VIII.
- Bookkeeping Blanks, Grade VIII.
- Goggin's Elementary Grammar, Grades VII & VIII.
- Ontario P. S. Composition, Grades VII & VIII.
- Ontario P. S. Hygiene, Grades V to VIII.
- Calkin's Brief History of Canada, Grades V to VIII.
- Brief History of England, Grades VI to VIII.
- Calkin's Junior Geography, Grades V to VIII.
- Royal Crown Copy Books 1 to 12, Graded Series.
- Augsburg's Drawing Books 1 to 8, Graded Series.
- Prang's Drawing Books 1 to 8, Graded Series.
- School Day Melodies Pts. 1 & 11, Cover all grades (Tonic-sol-fa).
- The Common School Book of Music for Miscellaneous Schools (Staff).
- The New P. S. Music Course, (Staff notation) Graded Series.
  - Book I; Book II; Book III; Book IV.
  - Book V (F. Clef) Mixed Classes.
  - Book V (G. Clef) Girls' Classes.

\*Song Reader—Can. Edition of New Educ. Music Course.

\*First Reader—N. E. Music Course.



**For Teacher's Use.**

- Primary Reading Manual.
- Reading Manual with Readers II, III & IV.
- Arithmetic Manual.
- Literature Manual.
- Composition and Spelling Manual.
- Syllabus of Physical Exercises.
- Song Teacher's Guide.
- Augsburg's Drawing Manuals, Books I, II & III.
- Art Manual.
- Common School Course of Study (Hand Book).
- Manual of School Law (1911).
- Journal of Education (Semi-annual).
- Brittain's Elementary Agriculture & Nature Study, M. P. Edition.

**BOOKS PRESCRIBED FOR HIGH SCHOOL GRADES.**

- Ontario High School Reader, Grades IX & X [July, 1918].
- Ontario High School School Composition, Grades IX & X [July 1920].
- Nova Scotia Public School Speller, Grades IX & X.
- N. S. English Grammar, Grades IX & X.
- Eliot's Silas Marner, Grade X.
- Meiklejohn's Outlines of History of English Literature, Grade XI.
- Macaulay's Life of Johnson, Grade XI.
- Shakespeare's Julius Caesar, Grade XI.
- Stevenson's Kidnapped, Grade XI.
- Shakespeare's Merchant of Venice, Grade XII.
- Milton's Paradise Lost, Books 1 & 2, (one vol.), Grade XII.
- Stevenson's Master of Ballantrae, Grade XII.
- Jeffries' Longer Narrative Poems, Grade XII.
- Selected English Short Stories, Grade XII.
- Selected Speeches on Foreign Policy, Grade XII.
- Bradley's The Making of English, Grade XII.
- Pancoast & Shelley's First Book of English Literature, Grade XII.
- Ontario High School Latin Book, Grades IX, X, XI and XII.
- D'Ooge's Latin Composition, Part I, Grades XI & XII.
- Caesar's Gallic War Book 1, Grade XI.
- "    "    "    Books 2 & 3 (one Vol.), Grade XII.
- "    "    "    Book 4, Grade XII.
- Vergil's Aeneid, Book 1, Grade XI.
- "    "    "    Book 2, Grade XII.
- White's First Greek Book, Grades X, XI & XII.
- Xenophon's Anabasis, Book 1, Grade XI.
- "    "    "    Book 2, Grade XII.
- "    "    "    Book 3, Grade XII.
- Ontario H. S. French Grammar, Grades IX, X, XI & XII.
- Bertenshaw's First Conv. French Reader, Grades IX & X.
- Berthon's Specimens of Modern French Prose, Grade XI.
- Sandeau's Sacs et Parchemins, Grade XII.
- Corneille's Polyeucte, Grade XII.
- Augier's & Sandeau's Le Gendre de M. Poirier, Grade XII.
- Joynes-Meissner's German Grammar, Grades X, XI & XII.
- Buchheim's Modern German Reader Part I, Grade XI.
- "    "    "    Part II, Grade XII.
- Schiller's Wilhelm Tell, Grade XII.
- Kennedy & O'Hearn's Academic Arithmetic, Grades IX & X.
- N. S. High School Algebra, Grades IX & X.
- \*Hall & Knight's Elem. Algebra, Grade XI.
- Hall & Knight's Sen. Matr. Algebra, Grade XII.
- Morton's Mechanical Drawing, Grade IX.
- Thompson's Manual Training, No. 2, Grade IX.
- Hall & Steven's School Geometry, I to IV, Grades X & XI.
- Hall & Steven's School Geometry Complete, Grades X, XI & XII.

Murray's Essentials of Trigonometry and Mensuration, Grade XI.  
 Murray's Plane & Spherical Trigonometry, Grade XII.  
 Balfour Stewart's Physics Primer, Grade IX.  
 Elementary Physics for High Schools, Grade X.  
 Ontario High School Physics, Grade XII.  
 Evans' Elem. Chemistry for High Schools, Grade XI.  
 Newell's General Chemistry, Complete, Grade XII.  
 Brittain's Elem. Agriculture and Nature Study, M. P. Edition, Grade IX.  
 Bailey's Beginners' Botany, Grade IX.  
 Bergen & Davis' Botany, Grade XII.  
 Ontario High School History of England, Grade X.  
 Myers' Short History of Ancient Times, Grade XI.  
 Myers' Short History of Med. & Mod. Times, Grade XII.  
 Myers' General History (the two texts for Grades XI & XII in one volume).  
 Calkin's General Geography, Grade IX.

**For Teachers' Use and M. P. Q. Exam.**

Art Manual.  
 Canadian Civics, N. S. Edition.  
 Ont. H. S. Physics Lab. Manual.  
 Calkin's Notes on Education.  
 Lyster's Hygiene & Temperance.  
 Munro's Brief Course in History of Education.  
 Fitch's Lectures on Teaching.  
 Bagley's Educative Process.

**THE NOVA SCOTIA SCHOOL BOOK BUREAU.**

The Nova Scotia School Book Bureau has been established by the Government in connexion with the Department of Education and is under the regulations of the Council of Public Instruction. The aim of the Bureau will be to provide the people of the Province with the prescribed school books, not only at as low prices as possible, but at prices which will be uniform thruout the Province.

All books prescribed for both the common and high school grades, as well as the books necessary for the M. P. Q. examinations, are kept in stock at the wareroom of the Bureau, in the Government Building Annex, Hollis Street, Halifax, N. S. A full list of the books supplied by the Bureau is printed on the Bureau's Requisition Form, which is also the Price List. No book not on this list is kept in stock by the Bureau. Among other things this list contains the retail prices at which the books supplied by the Bureau, are to be sold, and the purchaser should know that the book dealers have agreed with the Bureau not to sell any books at a price higher than that which is shown on the Bureau's price list. The necessary postage per copy is also given which must be sent in, together with full list price, when small orders are to be sent by mail. The amount shown in column for postage is not part of the list price.

The Bureau will supply its books to any person, dealer or otherwise, who remits the necessary amount with his order, which order, for convenience, should always be filled in on the printed Requisition Form supplied by the Bureau. School trustees and teachers who wish to purchase the supply of books for the use of the pupils of the section will be supplied with the same by the Bureau on the conditions laid down herein.

### TO TRUSTEES AND TEACHERS.

School trustees and teachers may now purchase all the prescribed books for the use of the pupils of the section direct from the Bureau. When school trustees or teachers send in an order to the Bureau, amounting to **three dollars list price or over**, and certify that the books are ordered for the use of the schools of the section, the Bureau will allow a discount of 10 per cent. from the list price of the Bureau.

Further, on all orders of **three dollars or over** the Bureau will pay **transportation charges** under the following conditions. The Bureau will endeavor, as far as possible, to ship by the route designated in the order received from the teacher or trustees, but the Bureau reserves the right to ship the cheapest way, if such is considered of equal advantage with that specified in the order. If, however, person ordering demands that shipment be sent by express, post, or other costly conveyance, the Bureau will pay only the "*freight*" equivalent. Balance of transportation charges must be paid by person sending in the order.

The teacher or trustees ordering must, in such cases, sign the Agreement on Requisition Form, and they are at liberty to arrange to distribute the books at cost to them, or at reduced price. They must not, however, demand more than the price on the price list of the Bureau.

All orders **under three dollars** ordered to be sent by post, must be accompanied by full list price—together with necessary postage per copy as on price list of the Bureau; if ordered to be sent by other conveyance full transportation charges must be borne by purchaser. [It should be noted that the small costal packets require prepayment of charges in every case. Consequently when books are to be sent this way, sufficient to prepay charges should be sent in with order].

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**TO BOOK DEALERS.****How books may be obtained by dealers from The Nova Scotia School Book Bureau.**

1. Dealers, when ordering books from the Bureau, should, as far as possible, use the printed Requisition Form, and should be very careful to fill in exactly and carefully all spaces showing number of copies, shipping instructions, name and address, etc. This will obviate many mistakes that are liable to occur when orders are sent in not on the printed form.

2. Each and every Requisition for books must be accompanied by cash payment in full for all books ordered, calculated at 85% of the prices on the list issued by the Bureau. Payment may be made by Postal Order, Express Money Order, Postal Note, Bank Draft, Cash or Bank cheque. **Bank cheques must be payable at par in Halifax.**

3. Dealers who wish to keep a stock of the books supplied by the Bureau, to sell at retail, must sign the agreement on Requisition Form, when sending in their initial order. This agreement will cover future orders as well.

4. The Bureau will pay **freight** charges on orders amounting to \$10.00 (list price) or over, but purchasers are expected to take delivery from the railway, steam boat, schooner or stage company at the nearest available station or point, and to defray thereafter the cartage or other transportation charges. On orders of \$10.00 or over to be shipped by Express, the Bureau will pay an amount equal to the freight charges, as outlined above, the difference between freight and express to be borne by the purchaser.

5. On orders of less than \$10.00 (list price), transportation charges from Halifax to destination, by whatever conveyance, must be borne by person sending in the order. The Bureau reserves the right to ship the cheapest way if such is found equally advantageous with that specified in Requisition Form. [It should be noted that the small costal packets require prepayment of charges in every case. Consequently when books are to be sent this way, sufficient to prepay charges should be sent in with order].

6. The Bureau agrees to repurchase from dealers, at the actual prices which they paid to the Bureau, all unused books on hand in good condition which had been previously purchased

from the Bureau, if and when, such books cease to be prescribed for use in the schools of Nova Scotia. In this case those returning books to the Bureau must pay the transportation charges.

**Note:**—The Bureau will *not* repurchase books from dealers during the term of prescription.

**How books may be obtained in smaller lots.**

Any person, dealer or otherwise, may obtain single copies or small lots of the books from the Bureau on sending in requisition for same. Each and every Requisition must be accompanied by payment in full for the books ordered calculated at the full prices on the Bureau's price list together with the stated amount per copy shown in column for postage. The books will then be sent by book post, or parcel post, without further cost to the purchaser. (**Note:**) It is not expected that dealers will send in orders to go by Post, as being allowed 15% discount they must send in **full postage**. Do not add list price and postage together and take 15% discount on that. The amount in column for postage is not part of the list price of the book. Full postage is not necessarily that shown on order form.

**NOVA SCOTIA SCHOOL BOOK BUREAU.**

**PRICE LIST AND REQUISITION FORM.**

Effective 28 May, 1917.

Supersedes all previous Price Lists.

..... Place and Date.  
 ..... Name.  
 ..... Place.  
 ..... County.

**Please forward as below:**

Shipping Directions; Customer will please give here in full details how books are to be shipped—give full directions as to name of Railway (if by freight); nearest Express Office, name of Steamer or Schooner, etc.

.....  
 .....

[Coastal steamers demand freight to be prepaid. Sufficient should be sent in to cover, when necessary.]

No. of copies	Title of Book.	List Price	Necessary Postage per Copy	Total.
	<b>Common School Grades.</b>			
.....	N. S. Primer.....	.06	.02	.....
.....	N. S. Reader No. 1.....	.08	.02	.....
.....	N. S. Reader No. 2.....	.11	.04	.....
.....	N. S. Reader No. 3.....	.16	.05	.....
.....	N. S. Reader No. 4.....	.18	.07	.....
.....	N. S. Public School Speller.....	.22	.06	.....
.....	Acadian Reader No. 1, Pt. 1.....	.10	.02	.....
.....	Acadian Reader No. 1, Pt. 2.....	.10	.02	.....
.....	Acadian Reader No. 1.....	.25	.04	.....
.....	Acadian Reader No. 2.....	.35	.06	.....
.....	Acadian Reader No. 3.....	.45	.08	.....
.....	Acadian Reader No. 4.....	.50	.06	.....
.....	N. S. Com. Sch. Arithmetic.....	.18	.06	.....
.....	Marshall's Bookkeeping.....	.12	.02	.....
.....	Bookkeeping Blanks (Set.).....	.15	.03	.....
.....	Goggin's Grammar.....	.30	.05	.....
.....	Ontario P. S. Composition.....	.15	.05	.....
.....	Ontario P. S. Hygiene.....	.20	.07	.....
.....	Brief History of Canada.....	.35	.05	.....
.....	Brief History of England.....	.20	.02	.....
.....	Junior Geography.....	.75	.08	.....
.....	School Day Melodies, Pt. 1.....	.10	.02	.....
.....	School Day Melodies, Pt. 2.....	.10	.02	.....
.....	Com. Sch. Book of Music.....	.40	.07	.....
.....	New P. S. Music Book 1.....	.20	.05	.....
.....	" P. S. " Book 2.....	.25	.05	.....
.....	" P. S. " Book 3.....	.30	.05	.....
.....	" P. S. " Book 4.....	.30	.05	.....
.....	" P. S. " Book 5, F.....	.30	.05	.....
.....	" P. S. " Book 5, G.....	.30	.05	.....
.....	Royal Crown Copy Books (ea.).....	.05	.01	.....
.....	†.....			.....
.....	Augsburg's Drawing Books (ea.).....	.12	.02	.....
.....	†.....			.....
.....	Frang's Drawing Books (ea.).....	.12	.04	.....
.....	†.....			.....
	<b>Teachers' Books.</b>			
.....	Primary Reading Manual.....	.13	.05	.....
.....	Books II, III, IV Reading Manual.....	.26	.10	.....
.....	Composition & Spelling Manual.....	.21	.08	.....
.....	Arithmetic Manual.....	.20	.07	.....
.....	Literature Manual.....	.15	.05	.....
.....	Syllabus Physical Exercises.....	.25	.05	.....
.....	Song Teacher's Guide.....	.30	.03	.....
.....	Art Manual.....	.40	.14	.....
.....	Augs. Drawing Manual Book I.....	.75	.07	.....
.....	" " " Book II.....	.75	.07	.....
.....	" " " Book III.....	.75	.07	.....
.....	Physics Manual.....	.35	.05	.....
.....	Canadian Civics.....	.35	.05	.....
.....	Calkin's Notes on Education.....	1.00	.08	.....
.....	Lyster's Hygiene.....	1.00	.07	.....
.....	Munro's Brief Course.....	1.25	.10	.....
.....	Fitch's Teaching.....	1.00	.08	.....
.....	Bagley's Educ. Process.....	1.25	.10	.....
.....	Collector's Roll (per dozen).....	.25		.....
	<i>Carried Forward</i> .....			

†Specify numbers and quantities of each here.

No. of copies	Title of Book.	List Price	Necessary Postage per Copy	Total
	<i>Brought Forward</i> .....			
	<b>High School Grades.</b>			
	Ont. H. S. Reader .....	40	.08	
	Ont. H. S. Composition .....	18	.06	
	N. S. English Grammar .....	23	.04	
	Silas Marner .....	30	.05	
	Meiklejohn's English Lit. ....	45	.05	
	Macaulay's Johnson .....	30	.05	
	Julius Caesar .....	30	.05	
	Stevenson's Kidnapped .....	30	.05	
	The Making of English .....	1 20	.07	
	Pancoast & S. English Lit. ....	1 25	.10	
	Merchant of Venice .....	30	.05	
	Paradise Lost Bks. 1 & 2 .....	40	.05	
	Sel. Speeches Foreign Policy ..	35	.05	
	Sel. English Short Stories .....	35	.05	
	Master of Ballantrae .....	30	.05	
	Longer Narrative Poems .....	15	.02	
	Ont. H. S. Latin Book .....	60	.10	
	D'Ooge's Latin Comp., Pt. 1 ..	60	.04	
	Latin and Greek Texts (each) ..	40	.03	
	† .....			
	White's First Greek Book .....	1 25	.10	
	Ont. H. S. French Grammar .....	60	.08	
	First French Reader .....	50	.05	
	Berthon's Spec. Fr. Prose .....	75	.05	
	Sacs et Parchemins .....	40	.05	
	Corneille's Polyeucte .....	60	.05	
	Le Gendre de M. Poirier .....	20	.02	
	Joynes-Meissner Ger. Gram. ....	1 15	.10	
	Modern German Reader Pt. 1 .....	50	.05	
	" " Pt. 2 .....	50	.05	
	Schiller's Wilhelm Tell .....	60	.08	
	Academic Arithmetic .....	40	.04	
	N. S. High School Algebra .....	50	.10	
	Senior Matric. Algebra .....	1 00	.05	
	School Geometry, Pts. I to IV ..	75	.05	
	" " Pts. IV to VI .....	60	.05	
	School Geometry, Complete .....	85	.07	
	Murray's Essentials T. & M. ....	90	.05	
	Murray's Plane & Spher. Trig. ....	1 20	.10	
	Morton's Mechan. Drawing .....	50	.03	
	Manual Training No. 2 .....	30	.03	
	Brittain's Elem. Agric. ....	85	.08	
	Beginner's Botany .....	60	.05	
	Bergen & Davis Botany .....	1 50	.10	
	Physics Primer .....	40	.03	
	Evans' Elem. Chemistry .....	60	.07	
	Newell's Chemistry .....	1 20	.10	
	Elementary H. S. Physics .....	75	.07	
	Ont. H. S. Physics .....	90	.10	
	General Geography .....	1 15	.10	
	Ont. H. S. History of England ..	65	.10	
	Myers' Ancient History .....	1 10	.10	
	Myers' Med. & Mod. History .....	1 10	.10	
	Myers' General History .....	1 50	.10	
	<i>Total</i> .....			
	<i>Less 15% discount</i> .....			
	<i>(Teachers 10% over \$3.00)</i> .....			
	<i>Remitted herewith</i> .....			

**AGREEMENT TO SELL AT RETAIL AT LIST PRICES.**

I, ..... N. S., ..... 191.....  
 of ..... in the County of .....  
 Province of N. S., in consideration of the terms offered to purchasers of school books thru or from the School Book Bureau, which terms are set forth and described in the April "Journal of Education" 1917, under the heading entitled "The Nova Scotia School Book Bureau" do hereby promise and agree to and with the said Bureau that I will not sell or cause or permit to be sold any of the said books at a price greater than the list price above given.

(Signed).....

**NEW BOOKS.**

List of books received at Education Office since publication of Journal of Education, April, 1917.

**THE CENTURY COMPANY, NEW YORK.**

*Elementary Chemistry*, by Alexander Smith, 7½x5¼, pp. 439, \$1.35.  
*Lab. Outline of Elementary Chemistry*, by Alexander Smith, 7½x5¼, pp. 137, 55 cents.  
*Teachers' Handbook to Elem. Chemistry*, by Alexander Smith, 7½x5¼, pp. 32.

**J. M. DENT & SONS, LTD., TORONTO.**

*The Imperial Study Series*, by A. P. Newton, M. A., each pp. 134, each 2/6.  
 The following pamphlets:—  
*The Old Empire and the New.*  
*The Exploitation of Plants.*  
*The Staple Trades of the Empire.*  
*The Post of Honor.*

**EDUCATIONAL BOOK COMPANY, LTD., TORONTO.**

*Teaching Writing—Suggestions for Teaching New Method Writing*, 9x7½, pp. 64.  
*Sesame and Lillies*, 7½x5, pp. 164.  
*Poems of Tennyson and Browning*, 7½x5, pp. 224.  
*Poems of Wordsworth & Coleridge*, 7½x5, pp. 212.

**Note.**—The three volumes just mentioned, suitable for school libraries, could be supplied by the School Book Bureau at 55 cents post paid for the three, if a sufficient number of orders were received by the first of January, 1918.

**GINN & COMPANY, BOSTON.**

*First Reader—New Educational Music Course*, Canadian Edition, 8½ by 6½, pp. 126, 30 cents.  
*Song Reader—New Educational Music Course*, 8½x6½, pp. 156, 45 cents.

**HENRY HOLT & COMPANY, NEW YORK.**

*Rhetoric and the Study of Literature*, by Alfred M. Hitchcock, 7½x5¼ pp. 410, \$1.00.  
*New Practise Book and English Composition*, by Alfred M. Hitchcock, 7½x5¼, pp. 226, \$1.10.

*First Course in General Science*, by S. F. Barber, 7½x5¼, pp. 607, \$1.25.



GEORGE G. HARRAP, LONDON, ENG.

- Warrior Saints*, by E. Blyth, 7½x5, pp. 128.  
*English Extracts and Exercises*, by F. H. Pritchard, 7½x5½, pp. 243.  
*Harrop's Introductory Algebra*, by Wm. Farquharson, B. A., 7½x5, pp. 141.  
*Travel through the British Empire*, by D. W. Oates, 7 1/5x5½, pp. 274.

THE MACMILLAN COMPANY OF CANADA, LTD., TORONTO.

- Learning to Read—Phonics Made Easy*, by Anna V. Sinclair, 1917, 7½x5½, pp. 118.

MUSSON BOOK COMPANY, LTD., TORONTO.

160. *Webster's Concise Dictionary*—Re-edited to 1916, by F. H. Swan, 6½x4½, pp.

FUNK & WAGNALLS, NEW YORK AND LONDON.

- High School Standard Dictionary*, 6½x9, pp. 894, \$1.50.  
*Comprehensive Standard Dictionary*, 5½x7½, pp. 712, \$1.00.  
*Concise Standard Dictionary*, 6½x4½, pp. 583, 60 cents.

UNIVERSITY TUTORIAL PRESS, LONDON.

- Lamb—Tales from Shakespeare*—First Series, 7x5, pp. 126, 1/4.

RECOMMENDED FOR SCHOOL LIBRARIES.

**The Travels of Birds** by Frank M. Chapman, 160 pp., 7x5 in., (D. Appleton & Co., New York).

**British Verse** by Daniel V. Thompson, 374 pp., 7½x5 in. (Henry Holt & Co., New York).

**The Book of Knowledge**, (The Children's Encyclopedia) published by the Grolier Society of London, is, perhaps, the most ideal publication of this kind for children. (The Grolier Society, Toronto).

**The Avoidance of Fires** by Arland D. Weeks, 128 pp., 6x5 in., (Heath & Co., Boston).

**Dent's School Pamphlets**: (Beautifully illustrated, dealing with History, Geography and Literature suggested by the great war, each 48 pp., 7x5). (J. M. Dent & Sons, Limited, Henry Button, Mgr., Toronto, Ont.)

**Junior**, 3 vols., at 12c.—*Mother's Geography*; *Brother Britons*; "Be Prepared."

**Intermediate**, 3 vols. at 15c.—*Hearts of Steel*; "For Valour;" "The Staff of Life."

**Senior**, 3 vols. at 18c.—*Race and Region*; *Britain and the "World Conquerors"*; "Sons of the Blood."

**The Fairy Gold Series**, illustrated by leading artists, each pp. 32, 7x5, such as "Cinderella," "Dick Wittington," "Briar Rose," etc. Eight ready and others to follow. (J. M. Dent Sons, Limited, Henry Button, Mgr., Toronto, Ont.)

**The Newman-Bates System of Farm Bookkeeping:** Designed by L. H. Newman, B. S. A., Secretary, The Canadian Seed Growers' Association, Ottawa, and H. S. Bates, Chartered Accountant, Ottawa: The Newman-Bates System is adapted to the requirements of the average Canadian farmer, and its key-note is **simplicity**. While it includes only essential features, it may be modified or amplified to suit individual cases. Complete sets at \$5.00; Cash Books at \$2.50; Ledgers at \$1.50; Year-Books at \$1.00 (H. S. Bates, 102 Bank St., Ottawa, Ont.)

**The "Standard Dictionary"**. (Funk and Wagnalls, New York and London), has for a quarter of a century been recommended to the schools of Nova Scotia. The following abridged editions are mentioned here for schools and pupils which cannot afford the unabridged with its 450,000 words.

**High School Standard Dictionary \$1.50.** (894 pp., 9x7 inches, 80,000 words).

**Comprehensive Standard Dictionary \$1.00.** (712 pp., 8x6 inches, 48,000 words).

**Concise Standard Dictionary, 60 cents.** (583 pp., 6 $\frac{3}{4}$ x5 inches, 35,000 words).

The *Comprehensive* makes a very good dictionary for High School Students, and the *Concise* for Common School pupils.

*Webster's Concise*, published by Musson Book Co., Toronto, at 25 cents, is a good dictionary for the younger pupils.

**Farm Friends and Farm Foes** by Weed is a text book of xi + 334 pages. It is one of the new books which can be recommended to the teacher of schools having pupils from rural localities, as a splendid basis for oral, object and nature study lessons. It is well illustrated. (D. C. Heath & Co., Boston.)

### **Barber's First Course in General Science.**

By *Frederic D. Barber*, Professor of Physics in the Illinois State Normal University, *Merton L. Fuller*, Lecturer on Meteorology.

logy in the Bradley Polytechnic Institute, *John L. Pricer*, Professor of Biology in the Illinois State Normal University, and *Howard W. Adams*, Professor of Chemistry in the same. 1916. 588 pages of text, 12mo, \$1.25.

This manual for the first year of the high school in the U. S. A., is based on the conviction that at this stage the work in science should emphasize the physical aspects and animal and plant life, with personal and community welfare the crucial point of attack.

The authors take up the task of giving to the boys and girls of the ninth grade, a strong, definite, well-selected course in natural science which will enable them to understand and appreciate the significance of the natural phenomena in their every day environment. The topics presented have chiefly to do with the school life and home life of the pupil. They are essentially projects to be solved. Being topics with which the pupil is already more or less familiar, they have real significance and meaning to him.

From the opening paragraph to the closing page, the attention of teacher and pupil is riveted to exercises, problems, and abundant descriptive matter, which, thoroly mastered, must "give a rational, orderly, scientific understanding of the pupil's environment."

The book does not give a multiplicity of topics, but such a thoro, comprehensive, and illuminating treatment of the few vital topics as to make the student a fair master of the natural science of the home, the community, the farm, the climatic controls of life, the factory, and the means of transportation.

## Extracts from the Reports on the Provincial Examinations, 1917.

From the Report of the Provincial Examiner in Science,  
Professor John Waddell, B. A. (Dal.), B.Sc. (Lond.),  
Ph. D. (Heidelberg), D. Sc. (Edin.), on the  
Examinations of 1917.

### GRADE XII.

In the *Physics* of Grade XII there has been an improvement with regard to the first question involving units and the principles of dynamics, but there is still room for much greater improvement. Sixteen out of 130 got a perfectly correct answer to this question. The second question, which was on specific gravity, was correctly answered by 20, and the third involving specific and latent heat was answered by 30.

In *Botany* there was a larger percentage this year of those who made fifty or over. In *Chemistry* the showing was not quite as good as last year.

### GRADE XI.

The first question involving units was answered somewhat better than last year. The questions on specific gravity were a little more difficult, and there was not so large a percentage of correct answers. The third question which involved the parallelogram and the triangle of forces was answered a good deal better and showed more care on the part of teachers.

Now that *Physics* is put into Grade X instead of Grade XI it is realized that the candidates will be less mature and that therefore the problems set should not be too difficult. On the other hand the text book prescribed is perhaps fully better on the dynamics side than in the other parts of the subject. Moreover, special apparatus is not so necessary as in sound or light electricity. These considerations should induce teachers to devote a good deal of attention to Parts I, II, III and IV, of the text book; and to drill the pupils on the principles involved. Pupils in Grade X can be trained to take a

common sense view of the subject. Formulae are subsidiary and should be so regarded. The teacher should always insist on the units being kept quite clear in the pupil's mind, and should consider the answer of a problem not half given unless the unit is correctly stated. There will be at least four questions on the work of these four parts, so that if these only are studied the candidate should easily get more than thirty marks. These four parts and the section on Heat will provide enough questions to enable a candidate who has studied them carefully to make 50% or over. In some schools, therefore, it may be best for teachers to limit themselves to these parts of the subject. It is better to have *them* taught well than a larger amount taught indifferently.

### GRADE IX.

In Grade IX there is not much to remark except that future candidates must not be misled by finding in this year's paper so many questions on the tools used on the farm. It is more than likely that one question will be asked next year but not more than one and while it is well to learn what the text book calls the *law* of the different tools the candidate must make certain that the law conveys some real meaning to him, and is not just a combination of words. This year, many answers showed no appreciation of the meaning of words used; and in some cases, the laws of different tools were mixed in a hopeless jumble.

I still have to complain that teachers do not make clear to their pupils how various features of a plant, and particularly of the flower, serve to place plants in different groups or families. The important peculiarities of the plants are not difficult to explain. A couple of boys about ten years old, and therefore much younger than the ordinary Grade IX pupil went for a walk with me one day this summer, and I found them quite interested in noting the characteristic features of several families that we investigated. There was no difficulty in pointing out how in the *crowfoot* family the parts of the flower are all separate; how in the *rose* family the stamens are attached to the rim of the calyx; how in the *mint* family the stems are square the corolla lipped and the stamens four in number, two long and two short. Teachers could easily drill the pupils in the characteristics of a dozen of the most important families.

Teachers in small schools can do this even better than in large schools, tho on the average the work of Grade IX was, I think, better in the case of the larger stations. There is no

proper reason for this, so far as I can see. One could expect Botany and Agriculture to be at their best in country schools, whatever might be the case with Physics and Chemistry.

Springhill deserves special mention both in the Physics of Grade XI and in the Science of Grade IX. In the former, out of twenty candidates all but two got fifty per cent or over; in the latter, out of thirty-eight candidates, there were only eleven who did not reach the pass mark, and the average of the marks made by all the candidates was 56%. In Grade XI Antigonish had only four out of thirty-seven below 50% and Wallace only one out of nine. In Grade IX, Amherst had 20 out of 45 below 50%, and Mahone seven out of twenty. These, with the exception of Springhill, were the best stations.

**From the Report of Professor H. B. Howard, B. A. (Oxford), on Trigonometry, 1917.**

The papers in *Trigonometry* of both Grades XI and XII were on the whole of a high standard. In Grade XII the best station averaged 67, viz., Sydney.

In Grade XI Lockport Station had the high average of 75 with six other Stations over 70.

I would like to speak first of one very objectionable practise which many candidates adopt, namely, that of repeating a question in the hope that the Examiner may be careless enough to mark the same question twice. This was very prevalent in Glace Bay, but this station was by no means the only offender.

Also many candidates seem convinced that if they place a number of symbols on their paper, the Examiner, being gifted with some kind of second sight, will be able to discover exactly what they did or meant to do. Teachers should try to impress upon their pupils the fact that a mathematical paper should be written just as clearly as a paper in any other subject.

I do not wish to go into the papers in detail but will touch upon the more important points.

*First the Grade XII paper:—*

Question 2 betrayed the fact that there were many of the candidates in this Grade not even knowing what the Law of Tangents was—it was frequently confused with the formulæ for Tan (A-B), etc. In 5 many who had their figure drawn

correctly were quite content with an answer greater than 110 ft. In other words altho a person on the top of the first building would look down upon the second, still the second was the higher of the two. Questions 3 and 6 were not done at all well on the whole, and I feel that this part of the work has been somewhat neglected. In Question 8 many candidates were quite content as long as they arrived at the formula given on the paper even tho in the course of their work they found it necessary to call upon their imagination for new formulae and new methods of changing a negative into a positive sign.

### GRADE XI.

In No. 1 several candidates wasted time working out square roots, and later, squaring these again. Complete and correct answers to No. 2 were very rare indeed. Frequently in No. 3 we were told that the number of radians =  $\frac{792}{1250}$  feet and once even "square feet."

Of No. 5 I wish to speak at some length. Of the candidates who used the method in the book, very few indeed were really successful. Many by proving  $CD = b \sin A$  in one figure and  $CD = a \sin B$  in another, ended by proving just nothing at all. Generally references to the separate figures were either incorrect or omitted altogether.

A number of candidates—I think all from one Station—attempted to prove the Law by using the geometry of the circumscribed circle. As regards the method, there was nothing wrong; but all of these candidates simply proved the Law of Sines for an acute-angled triangle *only*. Of course the proof for the other cases is also easily deduced by this method but it is none the less necessary.

I am still at a loss to know why many candidates attempted to find the amount of rubber in the ball of Question 7, by finding "areas". A similar remark would apply to Question 8.

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**From the Report of Edward W. Connolly, M. A., Examiner  
in the M. P. Q. Hygiene and Temperance.**

I think I may say without fear of contradiction that an error in Hygiene is rather more serious than one in any other

subject. For instance, one may have vague or erroneous views on the Forty-seventh proposition of Euclid, or the Founding of Quebec, without injuring anybody, or anything, except his own reputation as a scholar. But when, in answer to a question on First Aid for Fainting we are directed to "sit the person up," or to "hold up their heds," or to "pour some stimulant down their throats," then no matter how accurate the rest of the directions may be, the answer is valueless. It may be worse! When we consider that the paper on Hygiene is written by prospective teachers only, and that the error may be impressed on the plastic minds of children, if not put into actual practise in an emergency, the error is criminal. I strongly advise candidates to leave the First Aid Questions alone unless they are able to give proper directions.

Candidates for any Rank above Second are expected to give some evidence of having read and studied Lyster or some other work on Hygiene. The higher the grade sought, the more accurate and scientific should be the answers. The common everyday knowledge of the laws of health, picked up in newspapers or at home or from desultory talks by the teacher, may do for Third Rank candidates, but some evidence of a book having been well read, and thoroly digested, is to be expected of those seeking higher rank.

Of course, there were the usual number of "howlers". These might be amusing, were it not that they represent an effort on the part of some hapless candidate to recall something badly taught and imperfectly understood.

Let me further say that attempts to obscure a lack of knowledge by a cloud of words, senseless and unscientific statements about Alcohol and Tobacco, and a criminal lack of knowledge of the elementary laws of health, cannot but influence the value of a Paper in the eyes of any conscientious examiner.

**From the Report of Supervisor E. J. Lay, Esq., Examiner  
in M. P. Q. Subjects 1, 4, 5 & 6.**

The outstanding defect appeared to be the misunderstanding intentional surely in some cases, of the meaning of the question; intentional, to give the candidate opportunity to write of something else, hoping, thereby, to divert the examiners' attention.

The most obvious case of this was in History of Education, where Confucius was substituted for Comenius.

But in detail let us take the paper on *School Law*. Q. 1. As announcements for the past year were cited subjects men-



tioned in every Journal, probably, since the first issue; such as, requirements for License, lists of teachers with grants, etc. In one case a candidate declared that "the Journal had not been issued for a long time. They do not need a new one every year. They have the same one every year." Another announcement found, and this had many attestants, was the sending of Easter eggs to the Belgian children.

Q. 2. Quantity of each subject was changed to definition of each, or mark necessary to be made; while most ignored it.

Q. 3. Most annoying answers as Grade X Certificate, Normal Diploma or 2nd Rank M. P. Q.,—Grade XI and Normal Diploma,—Grade X and 2nd Rank M. P. Q. Every combination that could be made of the three things, Grade, Normal Diploma and M. P. Q., was made, while not a few gave the requirements for either First or Third Class.

Q. 4. In not more than four cases was answered in full. Many did not attempt it, while some invented definitions on the spot. C. P. I. meant Canadian Provincial Idemnity, Can. Patriotic Institute, Children's Pathetic Ideas, etc. "Personal Property is when a person comes of age and has no land or buildings, then they have to pay a tax of one dollar." "Personal Property is one that has a mortgage on it." "Auditor a person attending a school meeting as a listener." "One who has a right to discuss things of which he does not approve". "One who publishes magazines." "Poll Tax is money paid for the use of water."

Q. 6. Some wrote on more than one of the different parts; treating each as a separate question. (b) Many wrote of the advantages of the Act, but never mentioned a single feature of it. (d) All the duties of a teacher excepting the one asked for were given, and some new ones, as "teachers should avoid harshness and blasphemy," "teachers should have a certain extent of religion." One told that "at the Normal College there are 26 able Professors, which unables (?) one to get a good sound education." (Unables! and what wonder with 26!)

But the paper on *School Management* was the one approached with the least preparation, probably owing to the time honored belief that *any* one can teach school.

I am confident that 70 who wrote this paper had never read Sir Joshua Fitch's book, or any *other* on the subject.

Had the paper been entitled a 60 minute one on the candidate's own thoughts on managing a school, the examiner would have been surer of his ground. Measures ought to be taken to ensure at least the reading of the prescribed texts. If the pre-

sent examiner frames the questions for another year, there will be found some hard to dodge by one who has not at least read the text prescribed.

In *History of Education*, the answers showed a more intelligent grasp of the subject than last year's. Still there were faults. Writers dealt in generalities. What one wrote of Montaigne might have been said of Spencer. Ignorance was shown as in "the moral purpose of Greek education was to make them believe in Christ."

In this subject I would suggest that candidates be asked to read Quick's *Educational Reformers*, not necessarily for examination purposes.

In *Pedagogy* there were very few writers, some of whom showed judgment and understanding, others rushed in as unprepared as the writers on *School Management*.

The spelling, as a rule, was good, but the words mis-spelled, strange to say, were those peculiar to the subject. The ones mis-spelled the greatest number of times were *superintendent*, (the last e an a), *candidate* (with one d), *auditor*, *secretary*, *certificate*, *register*, *license* (either with two c's or two s's, or with c and s transposed), *trustee*, etc. Then there were the usual number of devotees to *judgement* and *recieve*.

Some of the new words noted were "unabled", "handcap," "prisdition," "expector," "permittance," "inspectation," "vacanted," "disciplimatic." Some of those look real enough to be alive, but I cannot place them.

Here are a few of the many other laughable things said: "Written exams do not test your conversational powers, nor your pronunciation," "Spartans had perfect physics," "Moral certificate as in the foregoing regulations," "Develop the muscles of both mind and body," "If at all possible, if not, as soon as possible," "A teacher always has a few lovers," "Norman College," etc., etc.

The absurdities mentioned in this paper are laughable, but they are deplorable as well, when we reflect that some of their authors are now, perhaps, attempting to give instruction in the school room.

[All these candidates passed thru some high school. They are trying to obtain a teacher's license without attending the Normal College. These candidates not only thought themselves to be probably qualified to be licensed to teach; but their parents, their teachers and other friends also. Even the shortest course at the Normal would be an advantage to these not only for the understanding of the duties of a teacher, but for the improvement of their scholarship. It should be remembered that no public school is required to teach the M. P. Q. subjects; and the above exhibits show the inability of many high school students to study books effectively without such aid as is provided in a teachers' training college.—Editor.]

## SIMPLIFICATION OF FRENCH SYNTAX.

On the 31st July, 1900, the French Minister of Education issued a decree brushing away a number of useless complications of French Grammar. The French Academy, a body of distinguished antique if not ancient literary men of the Republic, objected to so arbitrary an Act of the "Minister of Public Instruction, Worship, and the Fine Arts." The decree, an English translation of which was sent with the compliments of the Superintendent of Education to the academies and leading high schools of the province a few weeks ago, had to be withdrawn.

The power of truth was great, however, and finally prevailed over the ultra-conservative and powerful French Academy. The Academy had to give an expression on the changes in the decree, with the result that on the 11th of March last another decree was published, to which the Academy has given its assent in advance.

The time saved by the abolition of absurd rules and spelling traps, the Minister hopes, may be given to the study of standard authors. In conclusion the order ends with the admonition:

"Je vous prie de prendre les mesures nécessaires pour que l'arrêté ci-joint soit mis immédiatement en vigueur."

The translation of the rules, only slightly abridged, as they are given in the London and New York "School World", are given below. In some places, where illustrations of former usage were given, the examples have been omitted. It must not be forgotten that the old French Grammar rules are still slow, and will be adhered to by many, especially among the old people. The *new* rules are "official," but not popular, of course, in *La Belle France*.

## RULES.

## Substantives.

Use of the plural or the singular. In all constructions, in which the sense allows of the complimentary noun being considered as either singular or plural, either number may be employed: *Des habits de femme(s)*. *Des confitures de groseille(s)*. *Des Prêtres en bonnet(s) carré(s)*. *Ils ont g's leur(s) chapeau(x)*.

## Substantives with two Genders.

**Aigle** may be considered masculine, except when it denotes a standard: *Les aigles romaines*.

**Amour, orgue**, may be considered masculine in the singular and common in the plural: *Les grandes orgues* or *Un des plus beaux orgues*. *De folles amours*. *Des amours tardifs*.

**Délice, délices**, need not be touched on in elementary teaching.

**Automne, enfant**, are common gender, and call for no special attention.

**Gens, orge**.—The adjective may in all cases agree with *gens* and remain feminine: *Instruits* or *instruites par l'expérience les vieilles gens sont soupçonneux, or soupçonneuses*. *Orge* may be used in the feminine without exception: *Orge carrée, orge mondée, orge perlée*.

**Hymne** may be considered common, whatever its signification: *Un be hymne* or *une belle hymne*.

**Pâques** may be used in the feminine to denote either a date or the religious festival.

### Plural of Proper Names.

Proper names preceded by the plural article may always take the sign of the plural: *Les Corneilles, Les Grac ues, Des Virgiles* (copies). *Des Virgiles* (editions) *Des Meissonniers* (pictures).

### Plural of Foreign Nouns.

When nouns derived from other languages have become thoroly nationalized, they make take the sign of the plural: *Des exéats, des déficits*.

### Compound Nouns.

Compound nouns may be written without a hyphen: *Des chefs d'oeuvre*.

### Article.

According to existing practice, the article is used before certain Italian sur-names: *Le Tasse, Le Corrége*, and sometimes wrongly before Christian names: *(Le) Dante, (Le) Guide*. Ignorance of this usage will not be considered important. In dictations the pupils should be informed whether the article forms a part of the names, as in Lafayette, or is separated from it as in La Fontaine.

**Article Suppressed.**—When two adjectives connected by *et* refer to the same noun, but in such a way as really to denote two different things, the article may be suppressed before the second adjective: *L'histoire ancienne et moderne, or l'histoire ancienne et la moderne*.

**Partitive Article.**—*Du, de la, des*, may be used before an adjective qualifying a noun: *De or du bon pain, de bonne viande, or de la bonne viande, de or des bons fruits*.

**Article Before Plus, Moins, etc.**—It is unnecessary to discuss the subtleties of the adverbial superlative in elementary teaching; either *le plus* or *les plus*, &c., may be used: *On a abattu les arbres le plus* (or *les plus*) *exposés à la tempête*.

### Adjectives.

**Concord of the Adjective.**—In the expression *se faire fort de*, *fort* may always agree with the subject: *Se faire fort, forte, forts, fortes*.

**Adjectives Used with Several Nouns.**—If one adjective qualifies several nouns of different genders, it may always be made plural and masculine, whatever the gender of the last noun may be: *Appartements et chambres meublés*.

**Nu, Demi Feu,** may agree with the nouns they precede: *Nus pieds, demie heure* (without hyphen), *Jeune la reine*.

**Compound Adjectives** may be written in one word (without hyphen), and follow the usual rule: *Nouveaune, nouveaunes, courtvêtu, courtvêtue, &c.*

Adjectives denoting colors remain invariable: *Des robes bleu clair*.

**Past Participles Invariable.**—*Approuvé, attendu, ci-inclus, ci-joint, excepté, non compris, y compris, ôté, passé, supposé, vu*, may agree with their nouns in whatever position they stand: *Ci jointes, les pièces demandées* (without hyphen). *Je vous envoie ci jointe copie de la pièce*.

**Franç de port** may similarly agree or remain unchanged: *Franche de port une lettre*.

**Avoir L'air.**—The adjective may agree with the subject or with *air*, and no subtle distinction of sense is to be insisted on: *Elle a l'air doux or douce, spirituel or spirituelle*.

**Numerals.** *Vingt, cent.*—An *s* may be added to these numerals when multiplied by another number, even tho no number follows: *Quatre vingts dix hommes, quatre cents trente hommes.*

No hyphen is necessary: *Dix sept.*

**In Dates,** *mille* may take the place of *mil*: *L'an mille huit cents quatre vingts dix.*

**Pronouns.**

**Ce.**—*Ce ci* and *ce là* may each be written in one word; no distinction may be drawn between *Qu'est ce ci, qu'est ce là* and *qu'est ceci, qu'est celà*? No hyphen need be employed.

**Même** may always agree with the noun or pronoun in the plural which it follows: no hyphen need be used: *Les dieux mêmes, nous mêmes.*

**Tout** may always agree with the name of a town which it qualifies, without distinction of meaning: *Toute Rome.*

When a woman is represented as speaking, one may say, indifferently, *Je suis toute à vous, or Je suis tout à vous.*

When *tout* is used in the sense of *chaque*, *tout* and the accompanying noun may be of either number; *Des marchandises de toute(s) sorte(s).*

**Aucun**, used with *ne*, may be employed in the plural as well as in the singular: *Né faire aucun(s) projet(s).*

**Chacun** placed after the verb and referring to a plural subject or complement, may be referred to by either *son*, &c., or *leurs*, etc.; *ils sont sortis chacun de son, or de leur côté; remettre des livres chacun à sa, or à leur place.*

**Verbs.**

**Compound verbs** may be written without apostrophe or hyphen: *Entrouvrir, entrecroiser.*

**Hyphens** may be omitted between the (interrogative) verb and the pronoun subject: *Est il?*

**Difference between the real and the apparent subject.**—Such constructions as *Sa maladie sont des vapeurs* should not be discussed in elementary teaching.

**Concord of the verb preceded by several subjects.**—If the subjects are not summed up by any indefinite word, such as *tout, rien, chacun*, the predicate may always be put into the plural: *Sa bonté, sa douceur le font admirer.*

**Concord of the verb preceded by several singular subjects connected by *ni, comme, ainsi que, &c.***—The verb may always be put in the plural: *Ni la douceur ni la force n'y peuvent rien. La santé comme la fortune demandent à être ménagées. Le général avec quelques officiers sont sortis du camp. Le chat ainsi que le tigre sont des carnivores.*

**Collectives.**—Whenever the collective is accompanied by a plural complement the verb may agree with the complement: *Un peu de connaissances suffisent.*

**Plus d'un.**—In the case of *plus d'un* the usual custom will be adhered to, and the construction of the verb in the singular be admitted: *Plus d'un de ces hommes était or étaient à plaindre.*

**Un(e) de ceux (celles) qui.**—The agreement of the verb in such cases depends on such delicate points that questions of the sort need not be introduced into elementary education, nor into examinations.

**C'est, ce sont.**—Before a plural noun or a plural third personal pronoun *c'est* may always be used: *C'est or ce sont des montagnes et des précipices.*

#### Sequence of Tenses.

The present subjunctive may always be used in a subordinate clause depending on a principal clause in which the verb is in the present conditional: *Il faudrait qu'il vienne.*

#### Participles.

**Present participles and verbal adjectives.**—Ultra refinements in distinguishing these two parts of speech should be avoided; subtleties such as *Des sauvages vivent errant or errants dans les bois* ought not to be introduced into elementary teaching.

There is nothing to change in the usual rule for the inflection of past participles except when conjugated with *avoir* and followed by an infinitive, a present or past participle, in which case the participle may remain unchanged: *Les fruits que je me suis laissé(s) prendre. Les sauvages qu'on a trouvé(s) errants dans les bois.*

If the past participle is preceded by a collective, it may be made to agree with the collective or its complement: *La Foule d'hommes que j'ai vue, or vus.*

#### Adverbs.

**Ne may be omitted in subordinate clauses depending on** *Empêcher, défendre, éviter que, &c.* *Défendre qu'on vienne.*

*Craindre, désespérer, avoir peur, de peur que, &c.* *De peur qu'il aille.*

*Douter, contester, nier que, &c.* *Je ne doute pas que la chose soit vraie. Il tient à peu, il ne tient pas à, il s'en faut que, &c.* *Il ne tient pas à moi que cela se fasse.*

Comparatives and words indicating comparison, such as *autre, autrement que, &c.* *L'année a été meilleure qu'on l'espérait. Les résultats sont autres qu'on le croyait.*

**Ne may also be omitted in a clause linked by** *à moins que.* *À moins qu'on accorde le pardon.*

## SCHOOL CHILDREN'S EXHIBITS.

### (Rural Science).

In case teachers are unable to get copies of their County or Provincial Exhibition Prize Lists, we are publishing a suggestive list here. This list will be used by practically all the Exhibitions next fall. The money values will differ at different Exhibitions.

We urge teachers to read this list to their children *now*. Don't wait until next spring. Talk the matter with your classes every few weeks. During the winter the girls can sew, and all can plan their next gardens.

Notice we are not including pressed wild plants. They can be included under General Education with writing, drawing, etc. Under Rural Science, we include what pertains to homemaking.

### GENERAL DIRECTIONS.

- (1) Label all exhibits with name of article, child's name and age, and name of school.
- (2) Pin thin *cardboard* labels to vegetables. Paper tears off.
- (3) Baste fancy work to a cardboard backing; and sew label to the article.
- (4) Read Journal of Education, October 1916, pages 196 and 200.
- (5) No *formal* entry need be made for Rural Science Exhibits.
- (6) The Director of Rural Science should be notified of the probable number of entries.
- (7) Material exhibited must be the product of the child's own work.
- (8) Entries are to be made thru the *teacher* rather than directly by the parents.
- (9) The teacher should certify to the best of her knowledge, the honesty of the children exhibiting.

## PRIZE LIST FOR SCHOOL CHILDREN'S EXHIBITS.

## Class 1—Pressed or Preserved Flowers, Grain and Vegetables.

## Section.

1. Six Potatoes, White.....
2. Six Potatoes, Red.....
3. Six Potatoes, Blue.....
4. Cucumbers, 3 (Table use).....
5. Cucumbers, 3 (Seed).....
6. Mangels, 3.....
7. Beets, 4 without tops.....
8. Carrots, 6 Short or Half-long.....
9. Carrots, 6 Long.....
10. Parsnips, 6 without tops.....
11. Turnips, 3 without tops.....
12. String Beans, (pole), one pint in pods.....
13. String Beans, (bush), one pint in pods.....
14. Cabbage, 1 head.....
15. Cauliflower, 1 head.....
16. Celery,.....
17. Citron, 1.....
18. Pumpkins, 1.....
19. Squash, 1 (Summer).....
20. Squash, 1 (Hubbard).....
21. Vegetable Marrow, 1, (Yellow).....
22. Vegetable Marrow, 1, (Green).....
23. Musk-melon, 1.....
24. Onions, grown from seeds or sets, 6.....
25. Tomatoes, ripe, 4.....
26. Tomatoes, green, 6.....
27. Corn, 6 ears, (Sweet).....
28. Flax, 1 small sheaf.....
29. Barley, 1 small sheaf, neatly bound.....
30. Oats, 1 small sheaf, neatly bound.....
31. Wheat, 1 small sheaf, neatly bound.....
32. Best Collection of Garden Flowers, mounted and named.....
33. Best Collection of Garden Flower Seeds.....
34. Best Collection of Weeds, mounted and labelled.....
35. Best Collection of Weed Seeds, labelled.....
36. Best Collection (at least 5 kinds) of vegetables not on the prize list.....

**Note:** Suitable vegetables to enter in Section 36 are Kohlrabi, Lettuce, Chard, Parsley, Chives, Flowering Herbs, Brussels Sprouts, Peas, Radish, Leeks, Salsify, etc.

## Class 2—Cut Flowers.

**Note:** In this class the number of stalks selected should be governed by the species of flower named in the section. In each case aim at an attractive bunch.

## Section.

1. Sweet Peas.....
2. Asters.....
3. Annual Pinks.....
4. Petunias.....
5. Godetias.....
6. Annual Larkspur.....
7. Snapdragon.....
8. Salvia.....
9. Cosmos.....
10. Gladiolus.....
11. Dahlias.....
12. Any other annual species.....



13. Mixed bouquet of Annuals (for tea-table).....
14. Mixed basket of flowers (at least 4 kinds).....
15. Blanket Flower (Gaillardia).....
16. Hollyhocks.....
17. Lilies.....
18. Any other perennial species.....
19. Mixed bouquet of garden perennials (at least 4 kinds).....

**Class 3—Manual Training and Domestic Science.**

Exhibits in this class must come from pupils not attending Domestic or Mechanic Training Schools. Each exhibit must be neatly labelled with the name, grade and age of the pupils and the name of the school.

In this class "Junior" means child 12 or under; "Senior" means child over 12 years.

**Section.**

1. Best Crocheting (a) Junior, (b) Senior.
2. Best Embroidery—White (a) Junior, (b) Senior.
3. Best Embroidery—Colored (a) Junior, (b) Senior.
4. Best Hemstitching (a) Junior, (b) Senior.
5. Best plain sewing on useful article (a) Junior, (b) Senior.
6. Collection of plain sewing to show hemming, felling, tucking, gathering and overhanding.
7. Collection of plain sewing to show a gusset, a placket, and 3 button-holes.
8. Best patching (a) Junior, (b) Senior.
9. Best darning (a) Junior, (b) Senior.
10. Best knitting (a) Junior, (b) Senior.
11. Best finished garment, not necessarily hand-work.
12. Best Laundry work (a) Shirtwaist or Blouse. (b) Flat pieces, 3, such as table napkin, doilies, pillow shams, etc.
13. Best loaf white bread (a) Junior, (b) Senior.
14. Best loaf brown bread (a) Junior, (b) Senior.
15. Best plain cake, unfrosted (a) Junior, (b) Senior.
16. Best frosted cake.
17. Best tea biscuit (a) Junior, (b) Senior.
18. Best muffins (a) Junior, (b) Senior.
19. Best Cookies (a) Junior, (b) Senior.
20. Best Drop-cakes (a) Junior, (b) Senior.
21. Best noon-day lunch for school, planned by child.
22. Best home-made candy, 1 box mixed.
23. Best box home-made fudge.
24. Best canning of vegetables (1 jar).
25. Best canned or preserved fruit (1 jar).
26. Best collection of canning.
27. Best Pickles in glass jars (1 jar).

**Note:**—The recipe used must be neatly written and pinned to exhibit in Sections 15 to 20 inclusive, and also Section 23.

Fancy work should be laundered.

**Class 4—Miscellaneous.**

**Section.**

1. Collection of Injurious Insects.....
2. Collection showing Life History of Any Insect.....
3. Collection of Rocks and Minerals.....
4. Industrial Collection.....
5. Potted Flowering Plant.....
6. Potted Foliage Plant.....
7. To the School making Best General Exhibit.....
8. Collection of Garden Sprays, labelled with composition and uses.....
9. Collection of Home grown vegetable seeds.....
10. Best Photograph of Children's Garden.....

### THE BELGIAN CHILDREN'S RELIEF FUND.

(Continued—and now closed).

#### H. H. MacIntosh, Inspector, Division No. 2. (Lunenburg & Queens).

Evelyn Wile & Nellie B. Eisner.....	Stanbourne, Lun.	\$22.60	
Carrie Himmelman.....	Park's Creek.....	5.55	
Hilda Mosher (Greenfield School).....	Queens.....	9.00	
Mabel Hirtle & Ada Gillmore (Chelsea School).....	Lunenburg.....	5.00	
Gordon H. Sarty, (Lr. Branch Sch.).....	Lunenburg.....	7.25	
Emma L. Warner (Conquerall Bank Sch.)	Lunenburg.....	15.00	
			\$ 64.40

#### James MacKinnon, Inspector, Division No. 8. (Victoria & Inverness North).

Cecilia Doucet (Grand Etang School).....	Inverness.....	\$ 2.32	
Mary LeBlanc (So. Ingonish School).....	Victoria.....	2.75	
School Children (No. Highlands Sect.).....	Inverness.....	3.00	
			\$ 8.07

#### E. L. Armstrong, Inspector, Division No. 9. (Pictou).

Edith Paget.....	Sunny Brae.....	\$ 3.10	
Kathryn Stewart.....	Plymouth School.....	\$10.00	
Rena Carter.....	Pictou Island.....	8.25	
Edith Paget.....	Sunny Brae.....	.50	
			\$ 21.85

#### W. R. Campbell, Inspector, Division No. 12. (Colchester & Hants East).

Highland Village.....		\$37.00	
A Friend, North Colchester.....		2.00	
			\$ 39.00

#### A. G. Macdonald, Inspector, Division No. 6. (Antigonish & Guysboro).

Merland Section.....	Antigonish.....	\$ 1.00	
Macara's Brook.....	Antigonish.....	1.00	
Spanish Ship Bay.....	Guysboro.....	2.00	
			\$ 4.00

Acknowledged (page 131, April Journal of Education).....

\$ 137.32

39.50

Transmitted to London (page 131, Journal of Education).....

\$ 176.82

1,043.24

Total Belgian Children's Relief Fund.....

\$1,220.06

It appears that the great majority of our teachers were either ignorant of the instructions given in the *Journal* or lacked in loyalty to the reputation of the schools of the Province, for they contributed instead to other funds whose centers were outside the Province, so that their sums have not been ultimately credited as coming from the schools of Nova Scotia. We have reason to believe that more than twice as much money has been transmitted from the schools in response to circulars for similar objects, sent thru centers in the U. S. A. and Quebec, than has been sent directly from the schools of Nova Scotia to the Head Committee in London. The money has been ultimately equally useful, only the Nova Scotian Schools are not known at headquarters to have been the contributors.

**Acknowledgement** of draft in April, 1917, (see **Journal** of that date, page 131), will be found on the next page.

NATIONAL COMMITTEE FOR RELIEF IN BELGIUM.

Registered under the War Charities Act, 1916.

Trafalgar Buildings, Trafalgar Square, London, W. C. 2.

Chairman.

The Right Hon. The Lord Mayor of London.

Honorary Member.

His Excellency The Belgian Minister.

Appeal Committee.

His Grace the Archbishop of Canterbury.  
 His Eminence Cardinal Bourne.  
 The Right Rev. John Brown, D. D.,  
 Moderator, The Church of Scotland.  
 Rev. J. H. Shakespeare, M., A.  
 President The Free Church Council.  
 The Very Rev. J. H. Hertz, Ph.D., Chief  
 Rabbi.

His Grace the Duke of Norfolk, K.G.  
 The Right Hon. The Marquess of  
 Lansdowne, K. G.  
 The Right Hon. The Earl of Rose-  
 bery, K. G.  
 The Right Hon. Viscount Bryce, O.M.  
 The Right Hon. Arthur Henderson,  
 M. P.  
 John E. Redmond, Esq., M. P.

Hon. Secretary,  
 W. A. M. Goode, Esq.

Hon. Treasurer,  
 A. Shirley Benn, Esq., M. P.

17th May, 1917.

Dear Sir:—

I have to acknowledge with many thanks receipt of yours of the 27th April, enclosing Draft value £218.4.5., the amount collected among the children in the public schools of Nova Scotia in response to our King Albert Fête Day Appeal.

I have pleasure in enclosing the Hon. Treasurer's official receipt for this amount, **and would be grateful if you would convey to the teachers and children of the schools our sincere thanks for their most welcome help.**

Yours faithfully,

W. A. M. Goode,  
*Hon. Secretary.*

To A. H. Mackay, Esq.,  
 Education Office,  
 Halifax,  
 Nova Scotia.

## ROYAL COLONIAL INSTITUTE.

*(Incorporated by Royal Charter, 1882).*

Northumberland Avenue, London, W. C. 2, England.

**Regulations for Public School Medal Competitions for Essays on Subjects Relating to the Empire.**

The Council of the Royal Colonial Institute, with a view to encouraging the progress of Imperial Studies in the schools of the Empire, have decided to award in the Spring of 1918 medals and prizes of books for the best essays sent in by boys or girls who are pupils at schools either in the United Kingdom or in the Outer Empire. The Essays will be adjudicated upon in two classes:—

**Class A.**—Essays submitted by candidates of 16 years of age or over.

**Class B.**—Essays submitted by candidates above the age of 13 and under 16.

The Competitors will be governed by the following regulations:—

1. The competitions are open to pupils of any school in the British Empire.
2. The Essays should be written on one side only of foolscap paper, with an inch and a half margin on the left-hand side.
3. Each Essay is to be marked with a motto or other distinguishing sign, and accompanied by a sealed envelope bearing a similar motto or sign and containing the full name, address and age of the candidate, and authenticated by the signature and description of the Head Master or Mistress of the school. The whole should be enclosed in an envelope marked in the left-hand corner "Essay Competition, Class A. (or B.);" and addressed to "The Secretary, Royal Colonial Institute, Northumberland Avenue, London, W. C. 2, England."
4. The prizes will be awarded by the Council after consideration of the Report of the appointed examiners, and the decision of the Council will be final.
5. Essays sent in for competition cannot be returned.

Essays for the competition in 1918 may be sent in during the month of March, 1918, but in any case they must reach the Institute not later than March 31st, 1918.

The Prizes and Medals to be awarded will be as follows:—

**Class A.**—For candidates of 16 and over.

**First Prize.** The Silver Medal of the Royal Colonial Institute, together with suitably inscribed books to the value of Three Guineas.

**Second Prize.** If there be a sufficient number of candidates, suitably inscribed books to the value of Two Guineas.

**Class B.**—For candidates from 13 to 16 inclusive.

**First Prize.** The Bronze Medal of the Royal Colonial Institute with suitably inscribed books to the value of Two Guineas.

**Second Prize.** If there be a sufficient number of candidates, suitably inscribed books to the value of One and a half Guineas.

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The subjects prescribed for the Competition in 1918 are the following:—

**Class A.**—“*A comparison of the British Empire and the Empires of the Past.*”

**Class B.**—“*The Work of David Livingstone as an Empire Builder.*”

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## ATLANTIC PROVINCES EDUCATION CONVENTION

MONCTON, N. B.

27 to 29 August, 1918.

The Program will be completed during this winter and will be published in the April **Journal of Education**. Moncton is a Railway Center which makes it practically as convenient for the attendance of Nova Scotia teachers as Amherst, Sydney or Yarmouth. It is equally well situated for the teachers of New Brunswick and Prince Edward Island—and nearly as convenient as any other point except Sydney, for Newfoundland, from which visitors if not also representatives may come. Co-operative if not organic union of these Eastern Provinces may possibly be discussed.

Arrangements for the usual favorable travelling rates are expected to be made; and the attendance of teachers will be recognized in Nova Scotia as customary.

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### LIVE TEACHERS IN U. S. A.

Fifty million dollars have been raised by the *teachers* and *scholars* of the State of New York for the *Liberty* war loan. The teachers and schools of Minneapolis raised over \$600,000 in *liberty* bonds.

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The Canso, Nova Scotia, schools are buying *Victory* bonds to endow their school library.



# JOURNAL OF EDUCATION.

OCTOBER, 1917.

## OFFICIAL NOTICES.

The full number of legal teaching days in the half school year ending 1st February next is 103.

### Calendar 1917-18.

#### 1917.

- Aug. 27 First Quarter school term began.
- Sept. 3 Labor Day (holiday).
- Sept. 27 Normal College opened.
- Oct. 8 Dominion Thanksgiving Day (holiday).
- Nov. 12 Second Quarter school term began.
- Nov. 16 Victory Loan exercises.
- Dec. 22 First day of Christmas Vacation.

#### 1918.

- Jan. 7 Schools re-open.
- Jan. 9 Normal College re-opens. Students admitted under Regulation IX (b).
- Jan. 31 Junior Class (D) completes Course in Normal (Reg. XI).
- Feb. 1 Last day of First Half school year.
- Feb. 4 Third Quarter school term begins.
- Feb. 6 Intermediate Class (C) admitted to Normal under Reg. X; also students under Reg. IX (a).
- Feb. 28 Normal students under Reg. VII (a) complete course.
- Mar. 4 March annual meetings of school sections.
- Mar. 6 Normal students admitted under Reg. VII (c) and X.

Mar.	29	Good Friday (holiday).
April	15	Fourth Quarter school term begins.
May	1	Applications for Exams. due at Inspectors' Offices.
May	1	Notices of Univ. Grad. Exam. due at Education Office.
May	10	Arbor Day.
May	15	Examination Lists from Inspectors due at Ed. Off.
May	23	Empire Day.
May	24	Victoria Day (holiday).
June	3	Anniversary King's Birthday (holiday).
June	24	Examination week begins.
June	28	Last teaching day of school year.

*Suspension of License.* C. E. Knickle, "B" No. 45, of 1905, on the 18th Sept., 1917.

*Errata.* Page 78, October, 1916, **Journal of Education**, under "Middleton, Grade X", "Mabel Alden Bent (X on XI)", should be "Mabel Uldene Bent (IX on XI)."

*Omissions* from page 206 preceding:

**REGIONS IX AND X.**

(b) *Low Island.*

**Inverness and Victoria Counties.**

(a) *Coast.*

Archie N. McIver	Lt. Narrows	102
Cecilia Doucet	Grand Etang	39
Sadie M. McPherson	Dingwall	113
Florence Matheson	Goose Cove	102
M. F. MacGillivray	Boulardarie	
	East	83
Laura Elliott	Cape Dauphin	168
John J. LeBlanc	Belle Cote	19
Isabel MacLeod	Boulardarie	
	Center	24
Mary C. Smith	Clyburns Bk.	81
Christine Montgomery	S. Harbor	88

Ruth MacLeod	Jubilee	39
Mabel Fraser	Grant	57

(c) *High Island.*

Isabelle C. McLeod	Hunter's Mt.	9
Alice B. McDaniel	Rossville	57
Sara M. MacFadyen	Malagawatch	48

**HIGH SCHOOL PROGRAM.**

Note changes in High School Program. See pp. 268-9 preceding. *Physics* prescription in Grade X, and optional physics in *Chemistry XI*.

To save unnecessary expense, candidates proposing to write on Greek or German at the Provincial examination in 1918, should state that fact in their application so that a sufficient supply of question papers may be sent only to the stations where needed.

## FOOD PRODUCTION INSTRUCTIONS.

In order to make it possible for the school children of Nova Scotia to join the army of food producers, the following regulation passed by the Council of Public Instruction shall continue in force during the year 1918.

**Ordered** that pupils certified by the teacher to be standing well in their grades about the first of May who carry out the program of the National Service Commission and the Provincial Department of Agriculture by being regularly and effectively employed in helping in farm work for four or more weeks between May 1st and the closing of the school term, may (provided during the rest of the term they are in regular attendance and doing good class work) have their certified days of such employment if sent to the teacher before the last day of the school term in June, entered in the school register and the school return as days of school attendance, and as such draw their legal proportion of the Municipal school fund.

All such pupils with their days of work thus acknowledged as the equivalent of public school attendance, shall be reported by the teacher thru the Inspector to the Education Department which shall issue a National Service Certificate to such pupils, which shall be accepted as a pass certificate into the next highest grade in the school, and shall exempt the holder at the Provincial examination next year from the fee of \$1.00 for not passing the regular terminal examination of the said grade.

The said National Service certificate shall be accepted by the Education Department as an ordinary pass certificate of the high school grade thus passed in the case of applicants for a Teacher's License, provided there appears to have been no breach of good faith on the part of the teacher or employer of candidate."

The following excerpt is from a circular from the Education Department, dated 4 September, 1917, to teachers in or near which extra *harvest* labor was likely to be required. It shows the view of the C. P. I. with respect to *Harvest* work, as the *Regulation* above shows its order with respect to *Spring* work.

The Director of National Service called upon the Council with a delegation from the Valley representing the scarcity of labor for harvesting the apple and other crops, and suggesting that as far as proper the labor of those attending school should be utilized.

"This, then, is to direct with the consent of the Council that both teachers and trustees in all parts of the Province should as far as practicable cooperate with those in need of harvesters, to make it as easy as possible for those willing to be employed, to temporarily leave their classes for urgent harvest work, and thereafter resume with the least loss possible their places in their respective classes."

To this was added an important excerpt from the concurred-in advice issued from the Bureau of Education at Washington, which in a campaign for the maintenance of school efficiency as a special patriotic duty, is enlisting labor unions, parent-teacher associations, women's clubs, churches, religious, and many other organizations directly concerned with education.

"Everywhere there seems to be fear lest our schools of all kinds and grades, and especially the public schools, will suffer this year because of conditions growing out of our entrance into the war. On the other hand, both for the present



defense and for the future welfare of our country, as well as for the individual benefit of the children, it is of the greatest importance that the schools shall be maintained in their full efficiency, both as to standards of work and attendance of children.

"While the war continues there will be many unusual temptations to many kinds of juvenile delinquencies. Prompt and regular attendance at school and proper employment during out-of-school hours will be the children's surest protection against such temptations.

"When the boys and girls now of school age have reached manhood and womanhood, there will be need for a higher standard of intelligence, skill, and wisdom for the work of life and for the duties and responsibilities of citizenship than we have ever yet attained. Our schools must now be so sustained and improved as to enable them better to prepare our boys and girls for life and work in the new age which will follow the close of the war and the coming of peace. No boys and girls must now be neglected or exploited for selfish ends."

### FOOD CONSERVATION INSTRUCTIONS.

Were it not for the ability of the Navy to keep the seas open Great Britain, France, Italy, Greece, Portugal and the Neutrals of Europe might have been ere this starved to a surrender, leaving America open to the hostility of a Teutonized old world. Even now with the transport of food overseas possible, there is not enough food in existence for the usual supply. If many people consume as much food as usual there will be as many probably who will starve to death during the year. No power can prevent it; for there is not enough food on the planet for all, and thousands per week are dying now where no food can be obtained.

But even with the Atlantic clear, there will not be enough food for the soldiers of the Allied Armies and the people of Europe unless the Americas can send them more than our usual surplus.

The Food Controller says: "Great Britain and our Allies must have 460,000,000 bushels of wheat from Canada and the United States."

"The normal consumption of Canada and the United States will permit the export of not more than 207,000,000 bushels, according to the latest crop reports."

That leaves a deficit of 253,000,000 bushels. Now the normal consumption of Canada and the United States is 700,000,000 bushels of wheat.

Supposing every man, woman and child in Canada and the United States abstained only for one day a week from eating any wheaten food, how much would be saved for export? Nearly every pupil can solve the problem. Abstain for one day in seven, we save one seventh—one seventh of 700,000,000. That is 100,000,000 bushels of wheat.

The Food Controller has asked us to use other cereals for two days each week. How much would that save? Ans.,

200,000,000 bushels. Is that enough? It would require nearly 3 wheatless days each week—and that on the part of every individual in the two countries. Three days a week by all would do it well.

But there are bound to be many people who do not understand, or who are too selfish, and possibly some who would fire a grain elevator or destroy a wheat loaded ship. And to offset this there will be found many people who will endeavor to do without wheat flour at all. So three days abstinence from wheaten food per week is the minimum. Many people may plan to use wheaten food only one day a week, some two days a week, and some three days a week. If this is not done voluntarily, the Food Controller may have to make it illegal to sell flour beyond a supply for a day or two each week. This illustrates the principle applying to other war food necessities.

What are the *most necessary* War Foods?

We are informed that they are Wheat and its flour, Beef and Bacon. These contain the most nutriment needed by our soldiers, in a form most easily preserved, and most readily cooked by the army caterers. We can use and cook at our leisure and in the most appetizing manner other meats, fish, eggs, milk, butter, cheese, oats, buckwheat, barley, rye, corn, potatoes, and fresh vegetables from the garden and cellar storage, and the canned stores which should preserve every vegetable for which the cold cellar is not sufficient. On 8 Sept. last the following instructions were sent in a circular letter to inspectors and others in educational authority.

Preservation by Canning, Drying, etc., should be brought thru every educational agency to a knowledge of the people—at Institutes, in public addresses in the schools, especially in the *Rural and Domestic* Science Schools, and in the press.

Many of us might not only keep our good Fridays, but a year of lent on reduced rations, with improvement to our health. This would liberate full rations for our hard-working, weather-beaten, shell-pounded soldiers, who must always be ready to move at the "double" with bayonet and bomb.

The Food Controller does not appear to be able to lower the high prices. Perhaps he cannot in every case. High prices may be nature's way of enforcing abstinences upon us, and possibly without injury. But to prevent injury we must exert every effort to produce food in the absence of perhaps 50,000,000 producers now turned into destroyers of the cancer of Hohenzollern absolutism which is endeavoring to envelop the earth and forestall the federation of a free world and the Parliament of man.

Children should be taught, at least for the present, that every particle of food wasted should be looked upon as withheld from starving men, women and children in Europe; and parents should act on the principle. This is a sufficient introduction to the Food Controller's card, printed in miniature below:

### HELP THE FIGHTERS TO WIN.

**Save Wheat.**—Great Britain and our Allies must have 460,000,000 bushels from Canada and the United States. Normal consumption must be reduced by at least 25 per cent to meet war needs.

**Save Beef and Bacon.**—Normal consumption must be reduced by at least 25 per cent to meet war needs.

The demand for these commodities is imperative. The men in the trenches will go hungry if you fail them. Will you let them fight for you and not fight for them?

**You can use Substitutes**—such as other meats, fish, eggs, milk, oatmeal, barley, etc., with benefit to health.

**You Betray your Country's Cause when you Waste Food.**—Over \$50,000,000 worth of foodstuffs goes into the garbage waggons of Canada every year. Such waste in wartime is a crime. Your loyalty is measurable by your saving.

**Eat Perishable Products.**—Preserve, dry, can and store the garden truck which has been produced so abundantly this year. By doing so you prevent waste and release storable foods for export.

**Victory is Dependent upon the Extent of your Food Service.**

This will also explain the following card prepared by the authorities, which is asked to be signed in duplicate, the duplicate to be sent to the *Provincial Head Quarters, Food Controller's Office, P. O. Box 680, Halifax, N. S.*, as a record and for the

creation of a Provincial Mailing List, so that such householders may receive directly any new information issued from time to time.

**FOOD SERVICE PLEDGE.**

Realizing the gravity of the food situation and knowing that Great Britain and our Allies look to Canada to help to shatter Germany's threat of starvation;

I pledge myself and my household to carry out conscientiously the advice and directions of the Food Controller that requisite foodstuffs may be released for export to the Canadian Divisions, the British forces and people, and the Allied armies and nations.

Signed by.....

Address.....

No. in Household.....

Hang your pledge by a cord or a ribbon in the dining room where your household can see it daily.

Place your Win-the-War card prominently in your window where the public can see it and where the members of the household can read the imperative reasons for food saving set forth on the back.

Questions are authorized to be given in all grades at the terminal examinations, on the reasons for the greater production and conservation of food, as well as upon the problems connected with the Victory Loan and the advantage of making savings, which while helping the individual himself or herself, helps the country and increases our power to aid in ending the war satisfactorily.

**THRIFT ON THE PART OF SCHOOL CHILDREN.**

The Penny Bank is certainly thrift among Canadian school children.

The deposits have grown from \$81,002 in 1906 to \$395,666 in 1917; during the past 12 months the increase in savings has been \$100,000.

During the 12 years some \$1,500,000 has been deposited by 230,000 children. Last year the deposits averaged \$7,000 a week, an average of ten cents from every child, who had an account.

At present 70,000 school children have deposit accounts in the Penny Bank, and hundreds of accounts are transferred each year to the savings departments of chartered banks, as the children pass out of the schools.

Every dollar deposited in the Penny Bank is invested with the Dominion Government and is available for war purposes.

Depositors are allowed three per cent interest and can withdraw at any time.

## THE VICTORY WAR LOAN.

(Circular issued, 3 Nov., 1917).

Teachers, School Trustees and Schools are hereby authorized and directed to aid the launching of this great patriotic movement, by holding on **Friday Afternoon, 16 November**, special exercises to explain to the pupils how and why the Dominion of Canada is raising this "**Victory Loan**" as it has been named. To interest the pupils in all our schools of every grade and kind is the most far-reaching advertisement to parents and the money-earning public. But it will also be one of the most powerful aids to interest the pupils in the science and art of government and the practical working out of the Constitution of our country, and in the responsibility which ultimately rests on each individual within it.

A question is therefore authorized to be given on any appropriate point of the principles which should be expounded on the occasion, at any or every terminal public or written examination. In addition to the study of the prescribed civics (for teacher's use), a study of the information given in the public newspapers should be made by all teachers, so as to enable them to give sound and effective instruction appropriate to each grade of pupils.

Teachers should arrange wherever possible to have two or three short addresses from the leaders in the community on the said afternoon, accompanied by any efforts which can be made by the school children.

The following brief statement presented to us by Mr. George S. Campbell, Chairman of the "Victory War Loan" for Nova Scotia, and Mr. I. C. Stewart of the Publicity Committee, should be read to the pupils as the text of the instruction and the special exercises. A Dominion Victory Bond is better than gold in a stocking for it gives a crop of interest every half year.

By order of the C. P. I.,

A. H. MacKay.

## THE STATEMENT.

(By Herbert L. Stewart, M. A., Ph. D., Professor Dalhousie University).

In this month of November every citizen of Canada will be asked to entrust to the Government what money he can

spare for the "Victory War Loan." **One hundred and fifty million dollars are wanted.** The rate of interest will be five and one half per cent. **Everyone** who can save for this purpose fifty dollars, or any multiple of fifty dollars, the more the better, is called upon on personal grounds, on moral grounds, and on patriotic grounds, to use it in this way.

**Why?** There are at least **three** good reasons.

1. To win the war Canada needs a constant stream of money just as much as she needs a constant stream of men. Soldiers do the fighting. But they can't fight without transport, without food, without weapons, without ammunition, and all this has to be paid for. Soldiers are killed, or wounded, or taken prisoner, and others have to be sent to fill their places. Food is consumed, the coal on ships is burned away, weapons are lost in battle or are worn out, ammunition is exhausted; all this wastage has to be again and again made good. We believe that if everyone here does his best we can repair our losses faster and longer than the Germans can repair theirs. But lack of money on our side would give the enemy his chance just as surely as lack of men.

2. There are many of us who are not able to go to the front. We may be too old, or too young, or too feeble, or too much required for other duties. Must we then feel that we are having no part in the war? That we are striking no blow at all for hearth and home? Not so. If we restrict our luxuries, or our pleasures, if we pinch ourselves in something that we would otherwise buy, and put the money we can save from this into the **Victory War Loan**, every dollar we can save is a stroke delivered by our own hand against the enemy just as truly as if we were fighting. It is thus a chance to "do one's bit," for every man, every woman, every child.

3. Does any thrifty person feel that he must keep his savings for a "rainy day?" There is no way in which he can keep them so surely and at the same time so profitably as by putting them into the Loan. For what we put there is not a **gift**; we **lend** it to our country in her need. And there is no better investment, there is hardly anywhere so good an investment in all the world. Perhaps never has so high interest been offered with such perfect security. It simply cannot be lost, unless the war itself were lost; and if that should happen the Germans would take from us by force far more than we are now lending our Government to stop them. Looked at in even the

most selfish way the **Victory War Loan** is the best place our money could go for our own advantage.

Canvassers will call at each house to ask for what you can spare. If any house should be overlooked, all that is needed is to go to the nearest Bank. where you will get all directions as to what you must do, and all help in doing it. You can choose whether you will lend your money for five years, or for ten years, or for twenty years. This means that if you lend, say one hundred dollars, you will get each year in interest five dollars and fifty cents, and that at the end of five years, or ten years, or twenty years, as you yourself choose, the Canadian Government will pay you back dollar for dollar of all you have lent. If you should need your money again sooner, the investment is so good that plenty of persons will be glad to buy your bonds from you.

What then shall we lend, at a splendid annual return, and on a guarantee second to none in the world, to our country when she needs it in the great struggle for mankind? The response each of us gives will be a measure alike of his prudence, and his patriotism, and his zeal for liberty.

### IN THE UNITED STATES.

A telegram from Washington, 7 November, stated that already: "One family out of every three in the United States has pledged support to the food administrations plan for voluntary food conservation. Reports last night at headquarters here show that the total enrolment for the country is 7,406,544; but returns still are coming in and officials expect the 10,000,000 mark to be reached."

Minneapolis school children who on Monday received food pledge cards and the window cards to be exchanged for signatures to the former, began to turn in bunches of signed pledges to their teachers yesterday. Returns will increase daily. Speakers provided by the Minneapolis women's committee of the Council of National Defense gave addresses to mothers' meetings in 40 schools yesterday, and like meetings in as many other schools will be addressed today. The purpose of food conserving and the national program is set forth at these meetings.

Our American cousins, once they decided to "come in," are going ahead of us fast in organization, action, and perhaps, also, in solidarity.

### SOLDIER'S MEMORIALS.

Memorials to soldiers from the school or school section who fell in this Great World War are already being set up. In one case known to us a marble tablet has been set up at the com-

munity's expense, and unveiled at a public meeting, with addresses. Some have suggested that the Education Office should outline some general method of doing this.

It would be probably premature to outline a general plan at present; for we have no idea of the number of memorials, or possible of the most appropriate manner, or even of the most appropriate location of such memorials.

Common Schools, High Schools, Colleges and Universities, Churches, Public Institutions, and Social and various other organizations may have claims on some individuals. And it is possibly that in some cases individuals may be overlooked by every one. The state has its records, and possibly may provide memorials in monumental buildings.

In the meantime every school section should endeavor to keep its own memorial list, lest anyone should be neglected, in addition to keeping up its "Honor Roll," of those who have enlisted to save our country, its institutions, its welfare and its liberty.

### OUR PROVINCIAL SCHOOL OF ART.

The Victoria School of Art and Design, Halifax, offers a free scholarship to the best Art pupils of the Public Schools in each County of the Province outside the City of Halifax. Teachers of drawing should select specimen drawings from the work of their best pupils in Art from Grade VIII and Grade IX of last year—those who are willing and able to take an Arts course. Students showing artistic ability and progress are eligible for a second year's study free. In virtue of a Provincial Grant made to it this school is a Provincial one as well as a Halifax city institution, from which it also draws a grant, and hitherto, the most of its Art students. Drawing should be submitted to the Victoria School of Art early in November, addressed: "A. Lismer, Principal, Victoria School of Art and Design, Halifax."

The aim of the course is to equip teachers with a wider knowledge of modern methods in teaching Drawing in the Grades, to provide facilities for study and practise in the use of different mediums, and to develop an appreciation of beauty in line, form and color, with special attention given to those subjects that bear on the teacher's work in the school.

Lectures on Design, Color, Composition, Perspective, Art appreciation, etc., and practical demonstrations in the use of materials; pencil, pen and ink, brush, oil, water color and pastel.

The course, which has the approval of the Council of Public Instruction, is divided into three terms of eight weeks each. The first term commencing Oct. 8th. Fees for the full course to teachers only, payable in advance, \$5.00.



**ACADEMIC TEACHERS.**

This class of teachers is now in the highest professional position in Nova Scotia partly on account of the liberal provision for their retirement after service and their commanding position in the community. Three of these have returned from the West to their native Province.

**BELGIAN RELIEF COLLECTIONS FROM NOVA SCOTIA SCHOOLS.**

Belgian Children's Relief (Thru Education Office, N. S.) .....	\$1,220.06
Frontier Orphans' Fund (Thru American Center) . . .	1,851.62
Fonds de Secours Belges (Royal Bank thru Quebec Center) .....	2,211.20
Total .....	\$5,282.88

This total is very creditable to the schools. But why should teachers collect funds to be sent in from another province or country, when they were authorized and aided to have these collections sent in directly from the schools of Nova Scotia, for which our schools would receive credit at Headquarters, and be placed on permanent record in the **Journal of Education?** Trustees and pupils are entitled to an explanation from teachers whose duty it is to read carefully the instructions in the **Journal.**

**Progressive Public Opinion.**

**MEDICAL INSPECTION IN RURAL SCHOOLS.**

To wake up Educational and Medical authorities in other parts of the Province, some extracts are here published from a letter received from Dr. Ross L. Blackadar of Port Maitland, Health Officer for the Municipality of Yarmouth County. He is having something done, and is beginning to see satisfactory results. It is desirable to have more experiments of this kind to demonstrate if not also to discover what method works best. In the Normal College instruction is given in these subjects, and Dr. Blackadar's work will be a great stimulus to such teachers especially wherever they may be situated in the Province.

**Re "Sight-testing."**

I am sending you under separate cover the sight-testing Chart which I personally put in our municipal rural schools and explained to the teachers, and gave a short address on 3 or 4 points in connexion with prevention of our ordinary epidemics of colds, etc.

The Chairman of our Board of Health for the District visited with me. Parents expressed great pleasure at having the opportunity of removing obstacles to their children's progress.

I have received reports from *eleven* schools—of which the teachers report *fifty-one* cases of defective vision. The other schools will report later on. This makes a very high percentage. I shall be pleased to furnish the names of schools if you wish.

#### Re "Levitation of Dust."

This is a much more serious matter as regards health than one would think. The floor oil has been used—(see April Journal, 1917, Page 141), to the great satisfaction of the teachers, and the comfort of the scholars and sanitary effect produced, has been marked. The reduction of "coryzas" has been marked. Many children suffer from "colds in the head," due to nature trying to relieve the mucous membranes from the dust gathered during respiration in the school rooms. The teachers also suffer from the catarrhal conditions induced by the dust and dirt abstracting the moisture from the air. Parents today are recognizing the necessity of education, the effect of ill health, and in many cases are insisting upon their children having sanitary surroundings. The matter of health in many instances is taught to the parents by the school.

While "visiting the schools" my attention was repeatedly drawn to the "hideous combinations of colors" used in decorating our school rooms. I feel that if instructions were issued to our trustees, *re* "Colors", by the Education Department, the information would be thankfully received.

In conclusion I beg to draw to your attention the necessity for some type of Medical Inspection of our Rural Schools—at least along the lines suggested. If the "Chart for Vision Testing" is used a few minutes instruction at the Normal College would make the teachers quite efficient. In the matter of "levitation of dust", until something better is devised, I believe that our trustees should be compelled to use floor oil."

The Chart which is 27 inches long by 10½ wide, contains seven lines of different sizes of testing letters, and the following instructions.

#### INSTRUCTIONS FOR THE EXAMINATION OF SCHOOL CHILDREN'S EYES AND EARS, ETC., FOR USE OF PRINCIPALS, TEACHERS, ETC.

Do not expose the card except when in use, as familiarity with its face leads children to learn the letters "by heart."

First grade children need not be examined.

The examinations should be made privately and singly.

Children already wearing glasses should be tested with such glasses properly adjusted on the face.

Place the "Vision Chart for Schools" (Snellen's) on the wall in a good light; do not allow the face of the card to be covered with glass.

The line marked 20 should be seen at twenty feet, therefore place the pupil twenty feet from the card.

Each eye should be examined separately.

Hold a card over one eye while the other is being examined. Do not press upon the covered eye, as the pressure might induce an incorrect examination.

Have the pupil begin at the top of the test card and read aloud down as far as he can, first with one eye and then with the other.

For the use of those children not knowing the names of letters, the sign ( ) has been placed on each line in various positions. The child should indicate in which position this sign is placed. A card board symbol ( ) can be easily cut out, which the child can hold in its hand. It should hold the figure in the same position as the one it is expected to see on the Chart. For the purpose of convenience each line ends with the sign ( ) in various positions.

**FACTS TO BE ASCERTAINED.**

1. Does the pupil habitually suffer from inflamed lids or eyes?
2. Does the pupil fail to read a majority of the letters in the number 20 line of the Snellen's Test Types, with either eye?
3. Do the eyes and head habitually grow weary and painful after study?
4. Does the pupil appear to be "cross-eyed?"
5. Does the pupil complain of ear-ache in either ear?
6. Does matter (pus) or a foul odor proceed from either ear?
7. Does the pupil fail to hear an ordinary voice at twenty feet in a quiet room? Each ear should be tested by having the pupil hold his hand over first one ear, and then the other. The pupil should close his eyes during the test.
8. Is the pupil frequently subject to "colds in the head" and discharges from the nose and throat?
9. Is the pupil an habitual "mouth breather?"

If an affirmative answer is found to any of these questions, the pupil should be given a printed card of warning to be handed to the parent, which should read something like this:

**CARD OF WARNING TO PARENTS.**

After due consideration it is believed that your Child has some Eye, Ear, Nose and Throat trouble, for which your family physician or some specialist should be consulted at once. It is earnestly requested that this matter be not neglected.

Respectfully,

.....  
Teacher.

Issued by Board of Health, Yarmouth Municipality, 1917.

If only an eye disease is suspected, the words "ear, nose and throat" should be crossed off; if only an ear disease is suspected, the words "eye, nose and throat" should be crossed off; if it is only a nose and throat disease, the words "eye and ear" should be crossed off.

It will be observed that these cards are non-obligatory in their nature. They do not require anything of the parent, who is at perfect liberty to take notice of the

warning card or not, as he sees fit. They simply warn the parent that a probable disease exists, thus placing the responsibility upon the parent.

Nevertheless, if parents neglect the warning thus conveyed, the teacher should, from time to time, endeavor to convince such parents of the advisability of medical counsel. Teachers are urged to impress upon the pupils and parents the necessity for consulting reputable physicians.

These tests should be made annually at the beginning of the Fall term, and should include all children above the first grade.

Each teacher should examine all the children in his or her own room, and should report the results of such examinations to the principal, such report to be signed by the examining teacher.

The following simple form of report, to be filled out by the teacher and handed to the principal, is suggested and may be printed upon paper of any size and character that is deemed advisable by the local school authorities, and should be distributed to the different room teachers:

<p><b>ISSUED BY AUTHORITY OF BOARD OF HEALTH, YARMOUTH MUNICIPALITY.</b></p> <p><b>This Card to be filled out and sent to the Health Officer as soon as possible.</b></p> <p>..... School Section.</p> <p>1917 ..... Teacher.</p>	
<p>Name of Pupil.</p>	<p>If tests indicate Eye, Ear, Nose or Throat Disease, answer Yes, and which.</p>

On the next page will be found the additional cards used, so that the rest of the Province may know exactly what is being done in Yarmouth County.

Yarmouth, N. S., .....191

To Mr.....  
Sec'y to Trustees for ..... School.

Dear Sir:

Am enclosing you a copy of a Resolution passed at the last meeting of the Board of Health for the Municipality of Yarmouth.

Your attention to the matter is requested on account of its important bearing upon the matter of public health.

Yours truly,

J. ARCH BLACKADAR,  
Municipal Clerk.

**MUNICIPALITY OF YARMOUTH.  
Board of Health.**

Yarmouth, N. S., .....191

At the last meeting of the Board of Health the following Resolution was unanimously passed:

"That in order to keep the dust from filling the school rooms during the process of sweeping, that the Trustees of each School have applied to floors the preparation known as "FLOOR OIL", which will effectually control the dust, prevent the spread of disease and help render the rooms sanitary."

**Directions**

For Procuring and Applying "Floor Oil" for soft word floors, as supplied by the Imperial Oil Co., from John Brown, Esq., Agent at Yarmouth.

The cost is about 35c. per gallon, and four gallons will cover 20x30 feet. Sweep floors thoroly, apply oil freely with ordinary paint brush. Do it on some Friday. Put a cup of oil to a peck of sawdust, use a handful or two on floor when sweeping. Apply oil once or twice a year to the floor.

Any further information may be obtained by applying to the undersigned.

J. ARCH BLACKADAR,  
Municipal Clerk.

### HEALTH AND HYGIENE.

At the Forty-Eighth Annual Meeting of the **Canadian Medical Association at Montreal, 13, 14 and 15 June, 1917**, the Section of Public Health passed the following Resolutions which were submitted to the Council of Public Instruction, 2 August, 1917:—

Whereas the question of the Teaching of Hygiene has been considered of so much importance that the Canadian Medical Association has put aside a whole session of its section of Hygiene for its study.

Whereas it is proved that such teaching is absolutely necessary to ensure the observation of health laws and by-laws, which are framed for the protection of the health and the life of the citizen.

Whereas to obtain such a desirable result an important place should be given to such teaching.

It is resolved that the Canadian Medical Association strongly recommends:—

1st. The organization of a course in Hygiene in all universities, not only in the Medical Faculty, but also for the students of all the other faculties, theology, law, science, etc.

2nd. The organization of a practical course of Hygiene, given by specialists in all the normal schools.

3rd. The adoption of a text book on "Hygiene", to be used thruout the schools.

4th. That the present resolution be addressed to the deans of the different Faculties of all Universities thruout Canada as well as to the School authorities of all the Province of Canada.

The following Resolution was passed by the **National Council of Women of Canada** at the recent Annual Meeting and was submitted to the Council of Public Instruction by the Acting Corresponding Secretary, 21 July, 1917:—

*Resolved:* That the National Council of Women of Canada request the Provincial Departments of Education to establish in Training Schools for Teachers, (where such courses are not already given) courses of sex-hygiene, conducted by physicians who recognize the educational and moral significance of this work.

### BI-LINGUAL SCHOOLS IN CANADA.

Professor C. B. Sissons, of Victoria College, Toronto, has had published by J. M. Dent & Sons, of London, Paris, and Toronto, a very readable, fair and authoritative volume of 242 pages on this problem—more especially that part of it in the storm center, the Provinces of Ontario and the North West. There are two sides to every quarrel; and to the one who knows only one side only that side can be right.

On Page 200 a brief reference is made to the Nova Scotian system which provides that "the general education of French-speaking pupils should be carried on concurrently with their acquisition of the use of English, and that this can be successfully accomplished, only by the use of the vernacular."

Dr. Norman F. Black in his volume of nearly the same size, published by the Regina Book Shop, Limited, Regina, under the title **English for the Non-English**, points out that the Nova Scotian system is hardly adopted anywhere else in Canada or the United States. It has some strong advocates, however, in the state of New Mexico, where the children speak Spanish in their homes. Professor Sissons gives the facts on both sides, and will be invaluable to students of this problem.

### AGRICULTURAL STATISTICS THRU RURAL SCHOOLS

The Agricultural Statistical Department at Ottawa has proposed to utilize the rural schools of Nova Scotia in collecting annually towards the end of June, the acreage under each crop, the number of animals of each kind on each farm, etc. A card will be provided with blanks to be filled in for each farm; and the C. P. I. will be asked to require each teacher to collect and transmit these cards which are expected to give more accurate information than the estimates hitherto provided for. Several of the Western Provinces have already demonstrated the great value of such a system in getting accurate information which is to be ultimately transmitted to the statistical center for the world at Rome. It is this organization of the world which prevents famines in some countries while aiding the marketing of surplus production in other countries. It will be a great aid to our education system thru the interest created in farm statistics in the rural schools.

### CAUTION.

Teachers certifying to the standing of students in their respective grades who are competing for **National Service** Certificates, must be careful not to recommend a *pass* into the *next higher* grade unless they are satisfied the candidate will be found qualified to do the work of the next grade. Any teacher recommending an unqualified candidate will be liable to censure or suspension of license, if a complaint is laid against the holder of the **National Service** Certificate by the teacher of the grade to which the promotion has been made—if false certification is proven. This emergency is enabling us to test the reliability of the teacher's judgment in promoting candidates. Inspectors are instructed to be on guard in transmitting certificates, and to advise the Education Office whenever there appears to be occasion for it.

# JOURNAL OF EDUCATION.

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