## JOURNAL

## OF



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## NOVA SCOTIA

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## HALIFAX, NOVA SCOTIA, OCTOBER, 1916.

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II.-The JOURNAL, which is the Semi-annual Supplement of the Education Report, will be furnished gratuitously, according to lav, to each Inspector, Chairman of Commissioners and Board of Trustes; 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, 1916.



## ENGLISH LANGUAGE.-VIII. 9 to 11 a. m., Thursday, 29 June, 1916.

Norther Tell briefly what you know of "Scrooge's Christnas;"" "The Great ern Diver;" "The Archery Contest."
reading, Write from memory not less than ten lines of poetry from the year's
with special attention to punctuation, capital letters, good form, etc.
${ }^{8 i v i n g}$. In the following sentences, substitute better words for those in italics,
(a) reason for the change.
(b) The whole of the stupid boys struggle to answer this.
(c) The of men came to town to see the circus.
(d) The majority of the news is unreliable.
(e) The doctor had to take off the balance of his arm.
(f) Newton invented the law of gravitation.
(g) He is learning me to ride a bicyle.
(h) He says he cannot except the invitation.
(i) expect you feel tired after your walk.
(j) He writes plainer than he once did.

Speak slow; we cannot hear every word.
drink, $^{4 .}$ Give the
principal parts of the following verbs; put, set, buy, arise, Give the feminine of ram; Earl; man-servant; executor;
5.

- Write a full note on mood of $t$ ve verb, giving examples.
©. Write an account of "Nova Scot

7. Or, write a short account of "Why Great Britain is at War."

Analyze the following sentences;
Cever to the bow that bends,
(b) Hearts that once beat high for paise.

Now feel that praise no more.
8. Parse the italicized words in the above.
8. Dictation and spelling exercise.

## DRAWING AND BOOKKEEPING.-VIII.

### 2.00 to 3.30 p. m., Thursday, 29 June, 1916.

1. The four sides of a field are in order, 234, 305, 356 and 400 feet. If the diagonal drawn from the angle made by the two shortest sides is 456 , find the length of the other diagonal, the angles of the quadrilateral, and its area
2. Draw forms of 4 shapes of common leaves, and name them.
3. Draw a flower, bird, insect or tree from memory and name it.
4. Draw any piece of school apparatus, or group of models, or a landscape, or a country road.
\{The following Technical Drawing Questions can be taken for any thel of the above.]
(a) Draw a plan and section of a "Shaft Key," $4^{\prime} \times{ }^{\frac{5}{8} " \times \frac{1}{2} " \text {. Full size. }}$
(b) Draw half-size, development of a two-piece, $90^{\circ}$ stove pipe elbow, $4^{\prime \prime}$ in diameter.
5. Write out in your best style a form of Promissory Note.
6. Tell what you know about Bookkeeping, or about different kinds ${ }^{\text {d }}$ Bookkeeping, and the advantage to every one of knowing how to keep account
7. Give a sample of the entries in the different books.
8. Explain the terms:-Discount, Days of Grace, Debit, Bills Receivabler Account Current.

GEOGRALHY AND HISTORY.-VIII.
3.30 to 5.00 p. m., Thursday, 29 June. 1916.
(Only thee questions in History, and three in Geography to be answered).

1. Write a full note on Sir Charles Tupper, the part he took in the affar ${ }^{\text {s }}$ of Nova Scotia and Canada.
2. "Pitt was determined to wrest Canada from the French." Tell what you know of the outcome.
3. Tell as fully as possible what you know of any two of the follo "in wh "The Boer War;" "The War of 1812;" "The Great War of 1914;" Crimean War."
4. Give the dates of the following:-
(a) First Assembly in Nova Scotia.
(b) The Treaty of Paris.
(c) Port Royal Founded.
(d) Behring Sea Arbitration.
(e) Union of Upper and Lower Canada.
5. Tell what you know of the different Indian Tribes of Canada at ${ }^{\text {the }}$ dime of Champlain's rule. $\qquad$
6. Where and what are the following:-Gallipoli Peninsula;

Ypres; Archangel; Lowestoft; Saloniki; Falkland Islands.
any 7. Describe as fully as you can, giving climate, products, population, etc., one of the following:--Belgium; Turkey in Asia; India; Russia.
8. Write short notes on the following:-Glacier; Dew; Tides; Longitude; Arctic Circle; Trade Winds; Zones.
9. Draw a map of the Bay of Fundy, locating the counties of Nova Scotia ad $\dot{N}$ ew Brunswick bordering upon it.
of $\mathrm{C}_{\text {10 }}^{10 \text {. Write a note on (a) the railways of Canada, and on ( } b \text { ) the ocean ports }}$ and trade; so as to indicate what you have learned of the present time commerce and trade of Canada.

## MATHEMATICS.--VIII.

### 9.00 to 11.00 a. m., Friday, 30 June, 1916.

1. Divide 987654321 by 860432 . (Answer of no value if not correct).
following . Which is the greatest, which the least, and what is the sum of the ing fractions: $17,{ }_{3}^{9}, \frac{9}{3}, \frac{4}{4}, \frac{1}{2}$.
2. Simplify $\frac{\frac{1}{2}-\frac{2}{6}}{1 \frac{3}{4}-.125} \times 6.5$. Express the answer as a decimal and as a vulgar fraction.
3. A meter is 39.37 inches. How many kilometers in 10 miles?
4. A dealer buys goods for $17 \frac{1}{2} \%$ less than he sells the goods for; He makes
a profit of $\$ 178.35$. What was the cost of goods? , What was the cost of goods?
April ${ }^{6}$. Find the simple interest on $\$ 7300$ at $5 \%$, from January 28th, 1916, to 9 th, 1916, both days inclusive.
5. A walk is 7 rods long and 8 feet wide. Gravel is worth 75 cents a cubic
yard. A walk is 7 rods long and 8 feet wide. Gravel is worth 75 cents a cubic
it cost the gravel is laid on the walk to a depth of 9 inches. How much will - Ost to cover the walk?

Yalue in What is the value of $£ 132$ sterling in Canadian money? What the ${ }^{\text {in }}$ Canadian Dolling of $\$ 132$ ? What is $\frac{1}{4}$ of $£ .9287 \mathrm{~s} 4 \mathrm{~d}$ ? What is 6 times $£ 4.3 \mathrm{~s} .7 \mathrm{~d}$. adian Dollars?
Will 9 it A can do a piece of work in 6 days, $B$ in 9 days, $C$ in 7 days. How long
$m_{\text {lit }}$ be the them, all working together to do $\frac{1}{3}$ of the piece of work. (Answer he exact fraction of a day).
Evaluate: When $a=2 ; b=3$.
(a) $4(\mathrm{~b}-a)\left(a^{3}+3 b\right)-2\left(3 b^{2}-a^{3}\right)+2\left(a^{2}+2 b^{2}\right)$
(b) $\sqrt{5(b+a)}+\sqrt{7\left(b^{3}-a^{3}\right)+11}$.

## GENERAL KNOWLEDGE.-VIII.

2.00 to $\mathbf{3 . 3 0}$ p. m., Friday, 30 June, 1916.
(Ten questions only).
(A certificate for a full course in Mechanic or Domestic science for a year, may count as thre ${ }^{e}$ questions; but 30 points can be given only for the highest possible excellence in the course, 15 beill be the value of a merely passable course. In other words the certificate of any such course shalidate valued from 0 to 30 , according to the evident excellence of the candidate's training. Candidate recelving values for such certificates can receive no value for the answering of questions below on thedit subject of such certificate. If they answer more than seven question below, they should get cred for the seven highest values. Questions 2 and 8 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?
3. Write in any notation, the music of the National Anthem.
4. Give a summary of one of your more interesting Nature Study lessons.
5. Tell what you remember about the times when the spring flowers and birds first appear.
6. What do you know about Nova Scotia fish or fisheries? or school or home gardens?
7. What kinds of stones do you know? Where do they come from? What uses are made of some kinds. Or, What do you know about a potato; or, about Carbon dioxide?
8. Why do people smoke? What are your views on the habit?
9. What instruction in good manners has been given in your school so ${ }^{\text {far }}$ as you remember?
10. Why, do you think, was a schools' recruiting day appointed? should we think about so horrid a thing as war?
[Technical Course Ouestions which may be substituted for Nos. 4, 5, 6, 7 abovel
(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 121 to 128 Journal of Education, April, 1916].

## GRADE IX.

ENGLISH.--IX.

9 to 11 a. m., Monday, 26 June, 1916.
of Marmion in your own words, in good prose form, the story of "The Parting mion and Douglas;" Or, "The Legend Bcautiful."
chie," Who were the following: "The Dauntless Knight;" "Barbara Friet"Mrs. Malaprop;" "Mr. Thornhill"? Describe briefly any one of the
3. Write ten lines of poetry from the year's reading, indicating the scansion.
4. Write a note on the different punctuation marks; illustrate by a paragraph (b) 5. four of the punctuation marks properly used.
(b) What (a) Define strong verb; auxiliary verb; gerund; case; declension.
( 6 . The principal enlargements of the subject?
se fictitiote a letter to a clergyman, asking for a certificate of good character.
7. Anes and places, including your own name and address).

Analyze the following, and parse words in italics
Our deeds shall travel with us from afar,
And what we have been makes us what we are.
8. Explain pictures," fully as you can, with examples from your Reader: (a) "seeing
pictures,"" (b) "final stress," (c) "emphasis thru repetition."

## FRENCH.-IX.

 tua le lion d'un seul coup. Cet acte de courage frappa tout le monde d'étonnement et d'admiration, et les Seigneurs3. (a) Translate: Le général lui dit d'un ton brusque: Nous autres Francais, nous ne cherchons au service que l'honneur; mais volls, vous ne courez qu'après l'argent. Mon général, répliqua l'officier, chacun court après ce qui lui manque.
(b) Luidit. Plural of lui. Give a list of personal pronoun Objects; which is their position in the sentence? Translate; Here is a perni I give it to him.
4. (a) In what case is de alone used in partitive construction? Give two illus. trations. Translate: Have you any friends? Yes I have some.
(b) How do you form the Comparative and the Superlative of adjectives? Translate for examples; John is taller than his brothon The rose is the most beautiful of the flowers. irregular forms of comparison.
5. (a) Translate: Cet homme extraordinaire s'appelait Milon, et il etail célèbre par sa force prodigieuse. Un jour il prit sur grande épaules un boeuf énorme, et l'emporta ainsi à une graing' distance. Puis il tua l'animal d'un seul coup de poin
(b) Puis il tua l'animal. Write this sentence in the plural.
6. (a) What is the agreement of the past participle of intransitive verbs ${ }^{\text {con }}{ }^{\text {fin }}$ jugated with etre. Translate: Have your cousins ${ }^{\text {ity }}$ arrived? My aunt was born and she (has) died in this ${ }^{\text {ch }}$,
(b) Mention the disjunctive personal pronouns, and translate: Who is therse? They (f). I am going with them (m). Is this gentle $\mathrm{m}^{\mathrm{m}^{1}}$ your French teacher? Yes, it is he.
7. (a) Translate: A la fin, cependant, je vis paraître, à ma grande satisfacter de $p^{\mathrm{p}^{\text {po }}}$ un garçon de ferme qui nous apportait un panier de $P_{d e^{5}}^{\int}$ visions. Je l'ouvris, et avec quel plaisir trouvai-je tartines de beurre. Cette fois j'en pris ma part.
(b) Write the feminine of the adjectives: grand, beau, long, blanc, beur sec.
8. (a) Translate: Chaque individu aime à parler de son état et de ce qaf na affectionne le plus. Les personnes vertueuses ne parair que de ce qui est bien, tandis que les méchants, au con propo se trahissent presque toujours par leurs mauvais pros
(b) Write down the feminine and the plural of the possessive adjectivand Translate: Their books are not here. Have you $\mathrm{my}^{\mathrm{ink}^{\text {a }}}$ my pen
(c) Write down the names, in French, of the days of the week.

## DRAWING.-IX.

9 to 11 a. m., Tuesday, 27 June, 1916.
(Any eight questions to be answered).
 A $D=260$ feet, $B D=190$ feet. Draw the field and construct a equal in area to your drawing. Find the area of the parallelogram.
 2.5 miles north of $B$. C is 2.5 miles west, and 4 miles south of $B$. from $^{\mathrm{Plot}^{\text {t }}} \mathrm{A}$. points. Find the distance between the trees, and the direction of $C$ from $^{A}$
3. A man on the ground observes the angle of elevation of the top of a barn
$H_{0} 0$ be $45^{\circ}$, and that of a windmill 12 feet high on the top of the barn to be $50^{\circ}$, high is the barn, and how far from the barn is the man standing?
4. An automobile runs 60 miles, turns thru an angle of $45^{\circ}$ to the left
the starting, turns $90^{\circ}$ to the left, and goes 20 miles further. How far is it from tarting point?
dist ${ }^{5}$. C is a point $1_{2^{\prime \prime}}$ above the H. P. and $2^{\prime \prime}$ in front of the $V$. P. Find the of Crom the ground line both by scale and by calculation.
6. Find the distance between the points $(6,3)$ and $(-3,-9)$.
7. Give definitions of the terms rhombus, decagon, vertical angle, abscissa, ground line, representative fraction.
tollowi In 1910 the Mayflower was first seen in the following counties at the
April 16, dates:-Guysboro, April 24; Cumberland, April 21; Colchester,
${ }^{\text {Breton }}$, Pictou, April 17, Antigonish, April 27; Richmond, April 21; Cape
${ }^{\text {to }}$ show, April 22; Inverness, April 26; and Victoria, April 27. Draw a diagram
these observations.
9. Draw a plate containing a potato, a carrot, and an onion.
10. Draw a sketch of a boy in the act of climbing a tree.
11. Draw a house with some maple and elm trees planted about it.

Your lat Give the name and make a drawing of any flower you have studied in ure work during the month of May.
${ }^{18}$ 13. Make a drawing of a lobed leaf or any other simple object as it would
modelling or wood carving.
14. Name the primary and secondary colors.

Principal Make an outline map of the county in which you live, showing its pal physical features.
${ }^{\text {giving }^{\text {I }}}$ Its. Make a drawing of any animal you have studied in your nature work,

## GEOGRAPHY.--IX.

## 3 to 5 p. m., Tuesday, 27 June, 1916.

in ${ }^{1}$. Nanse 3 p. m., Tuesday, 27 June, 1916
${ }^{a}$ mach Zonle the Plant Zones, and give the names of the typical plants grown ${ }^{\text {ma }}$ Lip of Nova To which of these Zones does Nova Scotia belong? Or, Draw Lines of Railway locating the Forest areas, Mineral Lands, Chief Harbors, 2. 2 Railway.
 of in Asia. Namest Cities in the British Isles. Or, Name the British
of the Largest Cities in Asia, and give a brief

All differinces chief Commercial routes in the Dominion. Name the Capitals ief. ${ }^{\text {different Euro }}$ Canada, and five of the larger Commercial Cities. Or, Name Give the Capean powers engaged in the present war on the side of the the Capital and population of each.
4. Name the six political divisions of the British West Indies. Give ${ }^{\text {a }}$ brief description of each, including the area, population, chief towns, export and imports. Or, Draw a political map of Africa. Locate the Colonies in Africa belonging to the Europeans powers. Indicate any political changes that have taken place in any of these Colonies since the beginning of the present war.
5. In what part of Canada, do we have the Longest Continuous Sunghine during the year. In what part of Canada is the climate, moderated by prevailing winds and sea breezes. Name places in Canada in the same latitude as the following places in Europe: (a) Florence, (b) Paris (c) London, ( $d$ ) Edinburgh. Or, Name and describe the chief Rivers, and Commercial Cities of South America.
6. Give the boundaries, Chief Products, Population, and form of Gover ${ }^{\mathrm{n}^{-}}$ ment of any three of the following countries; Brazil, Spain, China, Egypt. ${ }^{\text {or }}$, Write a note on Nova Scotia under the following headings; Highways of Trade Ocean Transportation, Industries, Exports.
7. Write a brief outline of the Geography of Japan, from the following heads: Physical Features, Chicf Products, Population, Chief Cities, Form of Government. Or, Name the influences that determine the climate of a country.
8. Describe the method of finding the latitude for places in the Norther Hemisphere. Or, Explain the formation of dew, and state the conditions $n^{0^{g t}}$ favorable for its formation.

## ALGEBRA.-IX.

9 to 11 a. m., Wednesday, 28 June, 1916.

1. Multiply $\frac{3}{4} x^{2}+\frac{8}{2} a^{2}-\frac{3}{2} a x$ by $\frac{3}{3} a x+\frac{2}{3} a^{2}+\frac{1}{3} x^{2}$.
2. Find the value of:

$$
5(a-b)-2\{3 a-(a+b)\}+7\{(a-2 b)-(5 a-2 b)\}, \text { when } a=-\frac{1}{\prime} b
$$

3. Solve :
4. Solve $15-\frac{x+.75}{.125}=\frac{.25-x}{.25}$
5. (a) A person paid a bill of $\$ 15.25$ with quarters and half-dollars, ${ }^{\text {and }}$ (b) gave 51 pieces of money altogether. How many of each kind were there? Find the radius of a sphere whose surface is $38 \frac{1}{3}$ square feet.
6. Solve the equations: $\frac{3}{x}+\frac{5}{y}=\frac{8}{15}$

$$
9 y-22 x=\frac{3 x y}{25}
$$

7. Solve the equations: $2 x-3 y+4 z=4$
$3 x+5 y-7 z=12$
$5 x-y-8=5$
8. A family, consisting of three adults and five children, spends in food fl. 17s. 6d. a week. Distress, however, comes, when they can afford only fhild by week, and the food of each adult is diminished by one-half, and of each one-third. Find the cost per week of an adult and of a child.

SCIENCE.-IX.

## 3 to 5 p. m., Wednesday, 28 June, 1916.

Pourquestions in Botany must be answered. Eight questions constitute a [ $\mathrm{N} . \mathrm{B}$.
full Paper.
of which Give description in your own words, not as tho you had learned them by rote from a
Way periment you might do without any real knowledge of the subject. Any description of plant a place might in physics should be given in a manner suitable to your grade, not merely in such a would of verbal description a lower grade. Good drawings obtain extra marks, but do not take the
should be. Each question is tho they are likely to make the verbal description easier than it otherwise
doblin not be given in antion is intended to test the candidate's knowledge, hence the same description
give suctly at the beginning (not half wastions, as credit will be given only once. Mark each question
rat ouestieadings as will ( not half way down). Keep each part of a question quite distinct, and
very cestion give thy winl the examiner know just what you are describing. For instance, in the
wise carefully bive the name of the plant very distinctly, before the description. Read each question
you are apt to write something withit. Try to make sure of what you mean to say, or other-
apt to write something without meaning to anybody.]

1. Describ Botany.

Flowe following: the whole plant, root, stem, leaf, flower and fruit of any one ing: Wer, Butter and Pigeon Berry, Spring Beauty, Rhodora, Mayflower, Star Corn, Strer and Eggs; Or, Describe in general the stem of each of the follow2 , Curnip, Sweet Pea, Potato, Couch-grass, Bean, Spruce. the Pea Give the distinguishing characteristics, preferably with drawings, of tilla, $\mathrm{H}_{\text {a }}$ family (Pea, Clover, Vetch) Or, of the Rose family (Strawberry, PotenClintonia): Horn, Apple) Or of the Lily family (Trillium, Dog-toothed Violet, ( Or Discuss as fully as you can what is meant by Gymnesperms.
a short What is a bud? How is it protected? What is its position? Or, Write account of dependent plants.
$O_{r}$ 4. Tell Tell what you can about the form, or position, or structure of leaves;
by workin much as you have time for, of what you have learned about plants,
the nors ding in the garden or field at home, or in the school garden, or in experi-

## Physics.

you find out its specific gravity? specific gravity?
${ }^{\text {less }}{ }^{2}$ on What is a barometer? How could one be made? Why is its hight 8. days than on others? Does it rise or fall if carried up a hill? Why? ${ }^{\text {examples }}$. What is meant by conduction of heat, and by convection of heat? Give and means is which means is a room heated to the greater extent- By what open fire). What it Dis Deribe any experiment in sound, or light, or electricity; explaining the it is meant any experiment in sound, or light, or electricity; explaining complete must be your answer).

## Agriculture.

 a. 2. aring and feeding of chickens?Of
soil? substances does soil consist? What things are necessary in $i_{\text {ing }}$ 8. Why are fertilizers used, and what are the common fertilizers? " Crops. Ghat is meant by "Rotation of crops?" Give some reasons for rotatciplat 4 examples of rotation.
Pive of the examples of the use of levers upon a farm, showing how the prinother illuser applies. (One example is a wheelbarrow. Explain how, and

## LATIN.-IX.

9 to 11 a. m., Thursday, 29 June, 1916.

1. Decline together fortis miles, and longa hiems. Note peculiarity is declension of unus.

Compare superus. How do you translate summus mons.
2. Explain the statement that "gender in Latin has certain peculiarities not found in English." Give the rules for Grammatical Gender applying to nouns of the First and Second Declensions respectively.
3. "There are four ways of forming the perfect tense in Latin." State thest and illustrate each with two verbs.
4. Explain the two methods used in Latin to express Comparison. Translate in two ways: The daughter is better than the son.
5. Write brief sentences illustrating: (1) Ablative of Agency: Ablative of Means or Instrument: (3) Time when: (4) Time how long.
6. Translate into English: (1) In novissimum agmen meridie impertus factus erat. (2) Locum muro viginti tres pedes alto muniunt. (3) publicae causa impetum sustinebimus. (4) Nocte ad flumen Rhenum contendit.
7. Translate into English: (1) Tum Horatius a Romanis incolumis ad castra reductus est. (2) Ex nuntiis litterisque magnitudinem periculi $\operatorname{cog}$ noverant. (3) Ex equis ad pedes desiluerunt. (4) Non de victoria de peramus.
8. Translate into Latin: (1) He gave the plunder to the cavalry. (2) He ordered all the Senate to assemble. (3) He speaks more freely and boldy. (4) Some counsels are useful for the state (res publica); others dangerous.
(5) In the third year of the war they had seized the island.

## ARITHMETIC.--IX.

## 3 to 5 p. m., Thursday, 29 June, 1916.

1. Write in one expression and simplify: The sum of $9_{8}^{3}$ and $17_{7}^{5}$ multiplic ${ }^{\text {d }}$ by the product of $1 \frac{1}{65}$ and $2 \frac{1}{2}$.
2. Find the side of a square field three acres larger than one which meaburt 91 yd . square.
3. How many barrels of lime will be required to plaster the walls and celings of a hall 40 ft . long, 10 ft .6 in . high, and 22 ft . wide, if it takes 3 i barrels ${ }^{2}$ for 100 sq. yd.?
4. A dealer bought 25 boxes of oranges at $\$ 3.50$ per box of 144 each. In $d^{\text {dl }}$ he found 120 decayed ones. At what price per dozen must he sell the reman ${ }^{\text {and }}$ to gain $25 \%$ of the total cost?
5. A farmer has a herd of 12 dairy cows that average 22 lb e each of milk per day. The milk tests $3.8 \%$ butter-fat which is worth 28 cents per poul What is the daily income from the herd?
6. Which is better, and by how much, on a purchase of $\$ 2340$ worth of god od a wholesale discount of $25 \%$ with a cash discount of $10 \%$, or a single disco ${ }^{\mathrm{nrt}^{\text {t }}}$ $33 \frac{1}{3} \%$ ?
$25 \%$. What is the duty, in Canadian currency, at six cents per pound, and voiced oiced at $£ 756.17 \mathrm{~s}$. 6 d .?
Jan. ${ }^{8}$. What principal will give $\$ 23.10$ interest at $5 \%$ from April 1,1894 to

## GRADE X.

GERMAN.-X.
9 to 11 a. m., Saturday, 24 June, 1916.

1. (a) Translate: Der berühmte General Wallenstein pflegte als Knabe mit seinen Schulkameraden Soldat zu spielen. Einmal sagte Jemand $z u$ ihm: Du benimmst dich, als wenn du ein Fürst wärst." "Was nicht ist," antwortete der stolze Knabe, "das hann noch werden."'
(b) Ist. Write down the Present Indicative and the Imperfect of this verb. Translate: The sons of our friend are young. We were in the rooms.
2. (a)

Als wenn du ein Fürst wärst. Account for the position of wärst,
(b)

Indicate the position of the verb in the normal and in the inverted order; and translate for examples: We lay the books upon the
3. table. Tomorrow we shall have a holiday.
(a) Translate: Einen kleinen Trupp deutscher Grenadiere, die eben Sturm gelaufen hatten, fragte ein heransprengender Offizier verwundert: "Wo ist euer Bataillon?" "Wir sind das Bataillon," war die schlichte Antwort. Die andern sind alle getötet worden.
(b) Write down the Indicative Present and the Imperfect of hatten and of sind.
(a) Decline in the 4 cases singular and plural: dieser grosse Baum; eine schöne Blume.
(b) Give the Comparative and the Superlative of: schön, alt, gut, viel. 5. (a) These are the best books I have.
(a) Translate: Ein deutscher Soldat, der auf Vorposten stand, wurde in einer dunkeln Nacht unversehens von dem Feinde überfallen, entwaffnet und gefangen genommen. Sie nahmen ihn in die Mitte, richteten die Bajonette auf ihn und geboten
(b)

The preposition in in extract 5 governs two different cases. Explain,
8. (a) and mention the other prepositions of the same class.
(a) Write the Present Indicative and the Conditional of werden.
(b) Translate: We shall have a great deal of pleasure to-morrow. The soldiers ride into the town. Yesterday we should have had more pleasure if we had had more time.
7. (a) Translate: Eines Tages sass nicht weit von uns ein Fremder, der durch sein eigentümliches Haar auffiel, Wir stritten daraber, ob er eine Perücke trage oder nicht. Da man nicht darluber einig wurde, schlugen zwei von uns eine Wette um zwei Flaschen Champagner vor.
(b) Explain the position of auffiel. Write the sentence: "Da man nicht darüber einig wurde" in the Normal order. Fully account for the word vor (last word in the extract). Give the German names of the days of the week
8. (a) Translate: "Nun Kamerad! Behaupten Sie noch, dass die Heringe an Sträuchern wachsen?" Treuherzig erwiederte der Op treicher; "Heringe? Ich meinte ja gar nicht die Heringe: ich meinte die Kapern." "Und doch habt ihr einen Zweikampf ausgefochten!" rufen alle Umstehenden.
(b) Distinguish between: nicht, nein and kein, illustrating each form with an example.
(c) Translate: Who are these gentlemen? What have you written? What kind of book is that. I shall not go home this evening.

ENGLISH.-X.
9 to 11 a. m., Monday, 26 June, 1916.

1. Narrate the events described in the extract entitled "Shipwrecked."
2. Give a brief description of "Cranford Society."
3. Write a short note on each of the following:-(a) "The Wel Iof St. Keyne." (b) "Barbara Frietchie." (c) "Rosabelle."
4. Mention the five parts (including subdivisions) of which a business letter should consist. Write a short letter of your own by way of illustration. does a "friendly" letter differ from a business one?
5. What are the three cardinal qualities of "Style" in "Description"" State clearly what is meant by each.
6. Define "Mood." What are the three moods properly so called? Explaid clearly the use of each.
7. Mention four verbs which are followed by two objects. What change takes place when these verbs are used in the passive voice? Illustrate by a ghor sentence. What is meant by a "cognate" object? Give an example.
8. Narrate the circumstances which led to Silas Marner leaving Lanter silas Yard for Ravelof. Ot, Describe what occurred at the "Rainbow' after Marner arrived there.

Note.-In marking the answers to question "eight," special attention will paid to quality of composition.

## GREEK.-X.

11 a. m. to 1 p. m., Monday, 26 June, 1916.


2. (1) Distinguish between the primary and secondary tenses of a Greek verb. Write these respective forms as found in $\lambda \dot{v} \omega$; (2) What is meant by augment in general? Explain different modes of formation. Write first person

 Soкécu, è $\lambda a u ́ v \omega$.
(2) What is meant by a deponent verb? Give the principal parts of

4. Translate the following sentences, and explain the construction of the


5. Give as minute a classification as you can of the prepositions based on the case or cases which they govern.





voldiers Tanslate into Greek: (1) They were crossing the river on foot. (2) The tince you had been left. (3) He sent for the general and the satrap. (4) But 8. Tr are not willing to obey, I also will follow with you.
them ranslate into Greek: (1) By the gods I shall not pursue them nor do said thy harm. (2) They cause fear to the horses by their shouting. (3) They ${ }^{\circ}$ ratory. Cyrus was dead. (4) Among the Greeks were excellent (dyadoí)

## GEOMETRY.-X.

## 9 to 11 a m., Tuesday, 27 June, 1916.

each to If two triangles have two sides of the one equal to two sides of the other,
${ }^{\text {are }}$ equal in all and the angles included by those sides equal, then the triangles 2. If respects.
${ }^{\text {atate }}{ }^{\text {a }}$. If a straight line cuts two parallel straight lines, it makes (1) The alter-
on tosite angles equal to one another; (2) The exterior angle equal to the interior
nn the angle on the one another; (2) The exterior angle equal to the interior
a. Pogether equal to two right angles.
4. Prove that the bisectors of the angles of a triangle are concurrent.
4. Use the properties of an equilateral triangle to trisect a given straight line.
$\mathrm{On}_{2} \mathrm{given}^{8} \mathrm{O}_{\mathrm{n}}$ a given base construct a triangle of given altitude, having its vertex
6. Show that equal and parallel lines have equal projections on any other straight line.
7. A yacht sailing due East changes her course successively by $63^{\circ}$, by $78^{\circ}$, by $119^{\circ}$, and by $64^{\circ}$, with a view to sailing round an island. What further change must be made to set her once more on an easterly course?
8. Prove that the straight lines which join the middle points of the opposite sides of any quadrilateral, bisect one another.

## ENGLISH HISTORY.-X.

## 3 to 5 p. m., Tuesday, 27 June, 1916.

1. Give causes, principal events and results of the "Scven Years' War;" or, the "World War of 1914."
2. Write notes on the following:-Court of Star Chamber, Habeas Corpil Act, The Great Plague and The Great Charter.
3. Sketch the career of (a) the Duke of Marlborough, (b) Daniel O'Connell.
4. Tell what you know of (a) Reform Bill of 1832, (b) Petition of Right, (c) Test Act.
5. Write a note on the lieterature of the Stuart period.
6. Give fully the stages in the "passing of a bill," and explain what is meant by the Governor-General "reserving" a bill.
7. (a) How is the number of members in the Huse of Commons determined ${ }^{\text {? }}$ (b) What is meant by Common Law and Statute Law?
8. Explain;--Consolidated Fund, Excise and Customs Duties, Mint.

## ALGEBRA. - $\mathbf{X}$.

## 9 a. m. to 11 a. m., Wednesday, 28 June, 1916.

1. Find the cube root of $8 a^{4}+12 a^{b}-30 a^{4}-35 a^{2}+45 a^{2}+27 a-27$.
2. Find, by factoring, the lowest common multiple of the following ${ }^{\circ}$ pressions:

$$
\begin{aligned}
& 6 a x^{3}+7 a^{2} x^{2}-3 a^{2} x \\
& 3 a^{2} x^{2}+14 a^{3} x-5 a^{4} \\
& 6 x^{2}+39 a x+45 a^{2}
\end{aligned}
$$

3. $\operatorname{Simplify} \frac{3}{8(1-x)}+\frac{1}{8(1+x)}-\frac{1-x}{4\left(1+x^{2}\right)}-\frac{3}{4\left(x^{2}-1\right)}$
4. Simplify $\frac{a+\frac{b-a}{1+a b}}{1-\frac{a(b-a)}{1+a b}}+\frac{\frac{x+y}{1-x y} y}{1+\frac{y(x+y)}{1-x y}}$
5. Solve $\frac{x+5}{x+4}-\frac{x-6}{x-7}=\frac{x-4}{x-5}-\frac{x-15}{x-16}$
6. What is the property of a person whose income is $£ 1140$, when one-
${ }^{t}$ twelfth of it is invested at 2 per cent., one-half at 3 per cent., one-third at $4 \frac{1}{3}$ per
cent., and the remainder pays him no dividend?

$$
\text { 7. Solve } \frac{1}{2 x-5 a}+\frac{5}{2 x-a}=\frac{2}{a}
$$

(d) Solve (a) Solve the equation $x^{3}-37 x-84=0$, having given one root $x=-3$. Solve $x^{2}\left(19+x^{3}\right)=216$.

## CHEMISTRY.-X

## 3 to 5 p. m., Wednesday, 28 June, 1916.


#### Abstract

for the B.-Formulac are to be used only for a definite weight or volume, not as a kind of shorthand tame n name of a substance, but when an action is described, give the equation if you can. The inge, even en if is not to be given to two questions. It will be counted only once. Illustrative draw- to answer if very simple, are usually more than worth the time they take in making. Before beginning and ar, and thestion, read it very carefully thruout. Spend some time in thinking out what you wish and worth then write what you mean. In this way your answers will be more concise and definite, . gher marks than if you write thoughtlessly).


either ali a series of experiments with any one of the following substances
oxide, or alone or with other substances; iodine, or hydrogen sulphide, or nitric or potassium chlorate, or ammonia, or carbon dioxide.
The (Do not describe the making of any of these substances, but start with the substance ready made.
there amber of experiments you should give depends upon the substance you choose. In some cases
the exp a greater number of common experiments upon the substance yow well you understand
mil experiments you describe This experiments than in others. show how well you understand
give the examiner a fairly good idea of how well you have studied the subject during the term).
2. Assuming that the following equations are correct, and that all the
substances are gases, give the volume and weights represented:

$$
2 \mathrm{HBr}=\mathrm{H}_{2}+\mathrm{Br}_{2}
$$

$$
\mathrm{H}_{2}+\mathrm{F}_{2}=\mathrm{H}_{2} \mathrm{~F}_{2}
$$

( $\mathrm{Br}=80 ; \mathrm{F}=19$ ).
The answer to the second part will only require you to fill in the blanks with the proper numbers:
Trams ( liters) of hydrogen uniting with _-grams (-liters) of fluorine, give_-grams of hydrofluoric acid: and the answer to the first is very similar].
ing 8. Suppose it were true, which it is not, that four grams of hydrogen unit-
acid, Write the grams of chlorine ( $\mathrm{Cl}=35.5$ ) gave 22.412 liters of hydrochloric
chlorine are the equation for the reaction, telling what volumes of hydrogen and
Dirties of nitepresented as taking part; Or, Describe the preparation and proof nitrous oxide, or of ammonia, or of carbon monoxide, or of acetylene.
(b) 4. Write equations for the action of (a) hydrochloric acid on caustic soda;
on sodium acid on caustic potash; (c) sulphuric acid on zinc; (d) sulphuric acid $\mathrm{m}_{\mathrm{m}}$ chloride; (e) hydrochloric acid on manganese dioxide.
${ }^{\text {proper }}{ }^{5}$. Write a short account of the atomic theory; or state the law of reciprocal
or ans; or describe with a drawing how a strong solution of hydrochloric ammonia is made.
com. What is meant by the termination:-ous, in the name of a chemical
${ }^{\text {name }}$ mind? Each of the the termination:-ous, in
acid, nation, as in or ic. Those formulae that are alike differ only in name by the
${ }^{2} n_{d} \mathrm{Fe}^{\text {Give the }}$ in these two: $\mathrm{H}_{2} \mathrm{SO}_{4}$ is sulphuric acid; $\mathrm{H}_{2} \mathrm{SO}_{3}$ is sulphurous $\mathrm{Fe} \mathrm{O}, \mathrm{H}$ No ne of the following: $\mathrm{N}_{2} \mathrm{O}$ and $\mathrm{NO}, \mathrm{Hg}_{2} \mathrm{Cl}_{2}$ and $\mathrm{Hg} \mathrm{Cl}_{2}, \mathrm{Fe}_{3} \mathrm{O}_{8}$ $7 \quad \mathrm{NO}_{2}$ and $\mathrm{H} \mathrm{NO}, \mathrm{As}_{2} \mathrm{~S}_{8}$ and $\mathrm{As}_{2} \mathrm{Ss}_{8}$.
${ }^{\text {nitro ge }}{ }^{7}$. Give an experiment by which nitrous oxide can be proved to contain
in hydrogen mercuric oxide to contain mercury and oxygen; or ammonia to con-
${ }^{\text {8. Written }}$ rite a short about in ans of on any chemical subj

## LATIN.-X.

## 9 to 11 a. m., Thursday, 29 June, 1916.

1. Decline together: id genus, haec legio, idem iter, eadem mulier. Compare magnopere, parum, bene, male, prope.
2. (a) Name the four Latin words generally corresponding to the Englieh and. Distinguish them as to their respective force and use. (b) Write a note on the construction known as the Genitive or Ablative of Quality.
3. (1) Classify the use of the Accusative case under six heads, and give illustrations under each heading: or (2 )Treat the use of the Ablative case in a similar way, under nine heads.

Do not attempt answers to both (1) and (2).
4. Inflect in full the present indicative of each of the following verbe, aolo, nolo, malo, eo.

Explain the frequent use in Latin of the construction known as the Ablative Absolute.
5. Translate into Latin: (1) He ordered the place to be fortified more carefully. (2) When Caesar is absent, they will attack the camp. (3) He wrote that for this reason he had said nothing. (4) They brought help to us when in distress (baboro). (5) He advises the Centurions not to advance the standards against the enemy.
6. Translate into English: (1) Magnam partem equitatus misit quap regem insequeretur. (2) Arbitror occasionem non amittendam esse. mab Sperat prope neminem ex pugna excessurum esse. (4) Docet ingenti mab nitudine corporum Germanos esse et incredibili virtute.
7. Translate into English: (1) Videtis quanta sit magnitudo flucturm. (2) Intellegebat qua de causa ea dicerent. (3) Quid ageretur deferre nolle videbantur. (4) Hac de causa mihi Rhenus est transeundus.
8. Translate into Latin: (1) I remember that he was"a most faithful friend. (2) You have been useful both to me and to the republic. (3) (When) fighting most bravely he was severely wounded. (4) They show what thing had been said concerning them in the council of the Gauls.

## FRENCH.-X.

3 to 5 p. m., Monday, 26 June, 1916.

1. (a) Translate: Après la mort de mes parents, que je perdis, hélas! de de me bonne heure, il m'avait recueilli chez lui. Je me sente ému, lorsque je songe al l'affection qu'il me temoignait. jait partageais les travaux et les jeux de son fils Hans, qui avai juste mon age, treize ans.
(b) Que jo perdis. Account for que. The same word may be used as an in Lerrogative pronoun, and as a conjunction. Write two atr tences in illustration.
2. (a) How do you express what? as a subject. Translate: What is makiag that noise? What has fallen?
(b) Distinguish between quel and lequel giving sentences in illustration. The relative pronoun whose is differently expressed in the follow* ing sentences. Translate: The lady whose daughter is at my mother's. The neighbours with whose child we often play.
3. (a)

Translate: Rappelle-toi, mon fils, qu'avant de censurer autrui, il est à propos d'acquérir de l'expérience. Ceux-la seuls ont le droit de blàmer, qui se sont signalés par l'esprit, la prévoyance, le courage. Je te parle ainsi pour ton bien. Séche tes yeux et embrasse-moi.
(b)

Rappelle-toi, Write down the Present Indicative of this reflex. verb. Translate: We always shake hands when we meet (each other).
4. (a)
(a) Explain the agreement of the past participle of refexive verbs, and translate: My sisters have dressed (themselves). They have washed their hands.
(b) Write down the days of the week in French. Translate: A week from to-day. A fortnight ago. How old are you? I was born on the fifteenth of May, 1873 (letters).
8. (a)
(a) Pierrot. Ahi Je n'ai pas été longtemps dehors; la pluie est venue bien à propos. J'avais peur qu'on ne commençat le gouter sans moi. Heureusement je suis arrivé à temps. C'est qu'il doit y avoir de très bonnes choses.
(b) Commengat. Account for the mood of this verb. Translate: I wish
(a) What is the agreement of the Present Participle after en, and when used as an adjective. Translate for examples. These books are very amusing. On rising I found that it was already nine o'clock.
(b)

How do you translate the English-ing after a preposition? Translate:
One can't live without eating. I thank you for (de) show-
(a) Translate: Ily a un train qui part de Charing Cross à dix heures du matin. Si cela vous va nous prendrons ce train-là. Nous arriverons ainsi à Paris à 6 heures du soir. J'ai déjà écrit à l'hôtel où j'étais descendu l'année dernière pour etenir deux chambres.
8.
(b) Give principal parts of: part, va, prendrons, relenir.
(a) Translate:

Etant à Paris il nous faut faire une excursion à Versailles, où Louis XIV a construit un si magnifique Palais. Nous prendrons le tramway qui part du quai du Louvre. Assis sur l'impériale nous pourrions voir à notre aise le pays environnant.
(b) Write down the Present Indicative of pourrions, and the Future of voir.

## GRADE XI.

## GERMAN.-XI.

## 9 to 11 a. m., Saturday, 24 June, 1916.

1. (a) Translate: Friedrich Chopin setzte sich an das Instrument and löschte die Lichter aus. Er erzählte wie Räuber sich dem Hause nahten, wie sie auf Leitern durch das Fenster gestiegen, aber durch Unruhe im Hause verscheucht worden wären.
(b) Write down the Infinitive and the Past Participle of: selste, löschle aus, wären. Translate: He has promised to visit us in Berlin.
2. (a) Use werden to express the true Passive; translate: The city has been destroyed by the enemy. Distinguish between: Die Thire wurde um acht Uhr geschlossen and Die Thüre war um acht Uhr geschlossen.
(b) Translate: The house is being built. A physician must be sent for. I have been advised to go to London. That is easily under stood. (reflex.).
3. (a) Translate: Die ganze Nacht hindurch arbeitete der Schmied, und wenn ${ }^{\text {er }}$ so mit dem grossen Hammer das Eisen zusammenschlug, sprach er bei jedem Schlag: "Landgraf, werde hart! Land" graf, werde hart wie dies Eisen!"
(b) Account for the position of the subject der Schmied, and for that of the verb susammenschlug; write the Present Indicative of this verb.
4. (a) Distinguish between: compound inseparable and compound separable verbs; mention two verbs of each class, and write two sentences in illustration.
(b) What position does the separable prefix assume: (a) in principal clauses. At (b) in dependent clauses? Translate for examples: the sul $^{n}$ what time does the sun rise? It grows dark when the sets.

 Augenblick auf den Invaliden zu, reichte dem erstang eir Alten ein Goldstück und sagte:Leiht mir Eure
(b) Fielen. Give the Infinitive and the Past Participle of this verb, and write down the Present Indicative of it.
5. (a) How do adverbial and subordinating conjunctions affect the position of the verb. Translate for examples: It is raining, therefay, it shall stay quietly at home. When I arrived yesterday was quite dark.
(b) Give a list of the pure Conjunctions, and show, giving an example, that they do not change the position of the verb.
6. (a) Translate: $Z$ weimal wird ihnen von dem Sieger Gnade angeboterdeg aber sie achten das Leben für nichts, wo es die Rettung ${ }_{\text {tre }}$ Vaterlandes gilt. So sterben sie alle, Mann für Mann' ihrer Pflicht und ihrem Fürsten.
(b) Write down the Infinitive, the Past Participle and the 1st pers. sing, of the Imperfect of: angeboten, gilt, sterben. Translate: He died a fortnight ago.
.8
(a) Translate: So waren drei Viertelstunden vergangen, da erschien ein grosser, alter Wolf am. Thore, sah sich vorsichtig um, trat langsam ein, blickte misstrauisch nach allen Seiten, schlich hierhin und dorthin, blieb stehn und that, als wollte er wieder gehn.
(b) Give the Infinitive of: vergangen, erschien, trat ein, blieb stehn, that. State the class to which each of these verbs belongs. Translate: My watch is not wound up. I have forgotten to wind it up. My friend is ill, therefore he cannot come.

## FRENCH.-XI.

1. 3 to 5 p. m., Monday, 26 June, 1916
(a) Translate: "Si je vous importunais, si....je vous gênais, parlez hibrement....je me retirerais; mais sachez que je vous suis tout dévoué; que, s'il est quelque bon office que je puisse vous rendre vous pouvez m'employer sans crainte."
(b)

Saches. Give principal parts and the Present Indicative of this verb. Translate: You can't speak French without studying a great deal.
2.
(a)

When do you express "can" by pouvoir when by savoir? Translate; My sister can sing very well, but she is ill and can't sing this evening.
(b)
3.
(a) Translate: Lorsque j'entrai, les voyageurs étaient à table. Je jetai un coup d'oeil rapide et inquiet sur les convives; toutes les chaises se touchaient, et toutes étaient occupées, je n'avais pas de place!

$$
(b)
$$

4. 

(a) all. Everybody knows it.

When is the relative pronoun "rwhat" rendered by ce qui; when by ce que? Translate: This is what amuses me. That is what the postman has brought.
(b)

5 will ren may be used without ne when? Translate: they 5. (a) will refuse to eat anything bad. Did anybody tease them?
(a) Translate: A minuit, on servit le souper, et, par couples, les danseurs passèrent dans la salle du buffet. Je m'y faufilai en palpassèrent dans la salle du buffet. Je my faufilai en pal
pitant, et, à peine entré, j'aperçus en belle place, au milieu (b) de la table, les fameuses pêches envoyées par Chevet.
$:$
6. (a) Write down the Present Subjunctive of avoir and of eire. Translate: We must go to the dressmaker's today. I wish you to $g^{\circ}$ with me.
(b) Illustrate the use of the Infinitive: (1) after certain verbs; (2) after prepositions. Translate: He went away without speaking to us.
7. (a) Translate: Jean Vignol tombs dins une douloureuse rêverie. Il nest pas tout à ait mort en hui, le poète quail a rêvé d'être, quand il était june. Voila maintenant, qu'il se souvient, que c'est demain Noel et que, devant ce berceau, il song ${ }^{\text {a }}$ l'enfant quid dormant sur la paille d'or, dans l'étable de Be tho lem.
(b) Give principal parts of: se souvient and the future of this reflexive verb.
(c) Illustrate the difference between: avant and devant, both meaning before l
8. (a) Translate: Nous mansions done en silence; le feu petillait, les four chettes allaient et venaient; la lamp fumeuse eclairait even $^{\text {ts }}$ figures junes et vieilles, graves our riantes, les yeux stein on brilliants de jeunesse.
(b) Les yeux éteints. Give the singular of yeux, and account for the agr ep ${ }^{\text {er }}$ mont of éteints. Write down the Past definite of this verb.
$\qquad$
ENGLISH. -XI.
9 to 11 a. m., Monday, 26 June, 1916.

1. Compare the character of Brutus with that of Cassius, as portrayed in Shakespeare's "Julius Caesar."
2. Give a description of the scene between Brutus and Portia. (Act ${ }^{11}$ Scene 1).
3. Explain the following:-
(a) "The feast of Lupercal."
(b) "The Ides of March."
(c) "The sway of earth."
(d) "That is no leering tell-tale."
(e) "Crimsoned in thy lethe."
(f) "With At' by his side.".
4. Give a sketch of Johnson's life up to the time he left Oxford.
5. What change occurred in Johnson's circumstances in the year $1762^{2 ?}$ How did it affect him? What work did he publish three years later? Commn briefly on it.
6. Give a biographical sketch of John Milton. Mention three of his prince pal works, stating the subject of each.
7. Write a snort note on each of the following:-(a) John Dryden Edward Gibbon; (c) Longfellow. Mention one work of each.
8. Give a description "f "The siege of the round-house" on the brig "Cover ant;" or narrate what occurred at "Cluny's Cage."

Note. -In marking the answers to question "eight," special attention be paid to quality of composition.

GREEK.-XI.
11 a. m. to 1 p. m., Monday, 26 June, 1916.

Write the first person singular of the future indicative of $\mu \alpha^{\prime} о \mu a \iota, \pi i \pi \tau \omega$,

2. Explain the case of all nouns and pronouns (other than subjects and




Verbs, $x$ plain: (1) peculiarities in the formation of certain tenses in liquid the ${ }^{\text {; }}$; (2) the Indirect Discourse construction which usually follows each of
4. ${ }^{\text {ree }}$ common verbs of saying, $\phi \eta \mu^{\prime}$, cimov, $\lambda \epsilon$ ' $\gamma \omega$.
(2) Aranslate into Greek: (1) We will trust the guide that Cyrus sends. Park. (plural) Cyrus for a guide. (3) Here Cyrus had a palace and a large mention Cyrus started forth from Sardis with ( ${ }^{4}{ }^{\circ}{ }^{0 \nu v}$ ) those whom I have 5. Tren. (5) The ships lay at anchor ( $\delta \rho \mu \mu^{\prime} \omega$ ) off the tent of Cyrus. Phryeranslate into Greek : (1) Having crossed this (river) he marched through ing in one stage. (2) The river is called the Meander. (3) Cyrus was plot$w_{a_{g}}$ a gainst $^{\text {his }}$ brother. (4) Here Cyrus remains seven days. (5) Cyrus also 6. ${ }^{\text {spectator }}\left(\theta_{\epsilon \omega \rho \epsilon} \omega\right)$ of the contest.





iontos. 7. Trans







 Pplain the force of the tense in "̈ $\pi \epsilon \mu \pi \epsilon$ and the cases of $\chi$ póvov, ovv $\varphi$ and $\sigma o v$. expression $\sigma$ oir ois.

## GEOMETRY.-XI.

9 to 11 a. m., Tuesday, 27 June, 1916.

1. On a given straight line draw a segment of a circle which shall contair an angle equal to a given angle.
2. Draw an escribed circle of a given triangle. How many such circles of a triangle can be drawn? State two methods of finding the excenter.
3. The difference of the squares on two straight lines is equal to the rectangle contained by their sum and difference.
4. If a straight line $A B$ is divided internally in medial section at $C$, prove that $\mathrm{A}^{2}+\mathrm{BC}^{2}=3 \mathrm{AC}^{2}$.
5. Two circles intersect at $B$ and $C$, and the two direct common tang $e^{n^{t s}}$ A E and D F are drawn: if the common chord is produced to mect the tangent at $G$ and $H$, prove that $G H^{2}=A E^{2}+B C^{2}$.
6. The sum of the squares on the sides of a quadrilateral is greater than $\mathrm{m}^{\text {the }} \mathrm{m}^{\text {n }}$ squares on its diagonals by four times the square on the straight line which job the middle points of the diagonals.
7. Given the base, altitude, and the radius of the circumscribed circlei construct the triangle.
8. Divide a straight line into two parts, such that the sum of their $s q u a^{r^{9}}$ shall be equal to a given square.

## ANCIENT HISTORY.-XI.

## 3 to 5 p. m., Tuesday, 27 June, 1916.

1. Tell what you can of the reign of Solomon, and give the causes of the division of the kingdom.
2. Who were the Gracchi? What reforms did they attempt, and with what result?
3. Write a full note on the Mesopotamian Valley, showing the part its people have played in civilization, and its strategic importance at the pres crisis.
4. Give principal influences in the formation of the character of Alexand ${ }^{\text {def }}$ the Great, his plans for Hellenizing of the world, and the results of his $\mathcal{B}$ conquests.
5. Sketch briefly the career of Constantine the Great.
6. Write a note on Greek sculpture.
7. Julius Caesar is said to have been one of the greatest of state $\operatorname{spm}^{\operatorname{man}^{n}}$ Explain fully on what this claim is founded.
8. What do you know of the following- Seneca, Livy, Horace, Socraten Hippocrates?

## ALGEBRA.-XI.

9 to 11 a. m., Wednesday, 28 June, 1916.

1. Solve the equations $x^{2}+3 x y=54, x y+4 y^{2}=115$.
2. Two rectangular fields each contain 9000 sq. yards; one is 20 yards shorter, but 15 yards wider than the other. Find the length and breadth of each
field.
3. Obtain the square root of $8+4 \sqrt{3}$.
4. Construct a geometric progression of 6 terms of which $1,3 \frac{9}{24}$ are espectively the 3 rd and 6 th terms.
5. (a) Write down the first five terms in the expansion $(1-x)^{10}$.
(b) Hence evaluate correct to 4 decimals the 10 th power of .998 .
6. How many numbers can be constructed, using all the digits $1,2,3,5,6,9$
each one once only (a) all even, (b) greater than 200,000 .?
7. Factor (a) $x^{2}+a 0 b^{3}$, (b) $16 x^{7}-81 x^{3}-16 x^{4}+81$.

8oldiers ene cost of a war is partly constant and partly varies as the number of
8oldiers for a 1 it $\$ 1,000,000$ for 150,000 soldiers and $\$ 840,000$ for 120,000
time? for a certain time. What will the cost be for 330,000 soldiers in the same

## PHYSICS.-XI.

## 3 to 5 p. m., Wednesday, 28 June, 1916.

1. A body moving with uniform acceleration, has a velocity of ten feet ${ }^{18} 40$ second a few seconds after starting from rest. A minute later the velocity cceleration per second. What is the acceleration? What force would give this $N$ b to a connon ball weighing 100 lbs ?
the No. B. Be careful to give the unit along with each answer. It may help you in judging whether Inclined plane is reasonable to be told that the conditions of the question apply to a ball rolling dane of very gentle slope.]
$\mathrm{b}_{\mathrm{f}}$, in If ice floats with one-tenth of its volume above the surface of water,
foat of the ligul neither rises nor sinks no matter where it is placed below the sur-
thing on liquid, what is the specific gravity of alcohol? Or, If a large tin pan
mugh put inter displaces only 20 cubic inches, it could evidently have some-
0.5 Water would it wout sinking, but it would displace more water. How

Were put into it displace if 10 cubic inches of cork whose specific gravity 3.
${ }^{\text {to }}$ each A body is acted on by two forces, each of 10 dynes which are inclined direction ter at an angle of $60^{\circ}$. Draw a parallelogram, and also a triangle to
value of of the tit; in each case, marking the lines with arrows to show the resultant conent and resultant forces, and determine the numerical resultant, not forgetting to give the unit in your answer.
of th. Give Newton's three laws of motion, and explain or illustrate any one
ing in in such a way as to show how far you understand it; Or, Make a draw-
by of any arangement of pulleys by which a weight of 20 lbs. could be balanced
Thy weight of 5 lbe. How far must the latter move in order that the former
understand 10 feet? Explain the drawing so that the examiner can see if you
6. Dit.
6. Describe any form of barometer; or, discuss osmosis or elasticity.
7. How is the coefficient of expansion of gases determined and what is Charles' law concerning it?
8. Illustrate and explain the influence of pressure upon the temperature at which ice melts.
(This subject is interesting not only on account of its application in nature, but because it in t simple example of a very general law in physics and chemistry).

## LATIN.-XI.

## 9 to 11 a. m., Thursday, 29 June, 1916.

1. Decline together in the singular ignobile oulgus, totum pelagus, mexs filius.

Write supines (in um) of the following verbs: terreo, torreo, veho, veto, cognos 50 figo, fingo.
2. Explain and illustrate constructions which come after the following classes of verbs: (1) hope and promise; (2) fear; (3) command; (4) say and think.
3. Name and illustrate the chief uses of the independent subjunctive.
4. Translate into Latin: (1) Would that Dumnorix had not been eager for a revolution. (2) He commanded them to prepare a place for the Harudeh to (3) On account of these things it happened that they were less easily abic make war on their neighbors. (4) Divitiacus said that he knew that these thence. were true. (5) Ariovistus sent ambassadors to Caesar to demand a conference.
5. Translate: Reperiebat etiam in quaerendo Caesar, quod proeliu m equestre adversum paucis ante diebus esset factum, in ${ }^{\text {itin }}$ eius fugae factum a Dumnorige atque eius equitibus ${ }^{\text {nor }}$ is equitatui, quem auvilio Caesari Aedui miserant, Dumpranio praeerat): eorum fuga reliquum esse equitatum perterrituriv
Parse quarendo, and explain the cases of diebus, equitatui, auxilio, cassor.
6. Translate: Quamobrem placuit ei, ut ad Ariovistum legatos mitteret, qui ab eo postularent uti aliquem locum medium utrium colloquio deligeret: velle sese de re publica et gumisul utriusque rebus cum eo agere. Ei legationi Ario respondit: Si quid ipsi a Caesare opus esset, sese ad venion venturum fuisse: si quid ille se velit, illum ad se oportere.

Explain the case of $e i$ and the mood of postularent.
Si quid ille se velit. Explain constructions of quid and se.
7. Translate: o qui res hominumque deumque aeternis regis imperiis, et fulmine terres, quid meus Aeneas in te committere tantum, quid Troes potuere, quibus, tot funera passis, cunctus ob Italiam terrarum clauditur orbis? certe hinc Romanos olim, volventibus annis, hinc fore ductores, revocato a sanguine Teucri, qui mare, qui terras omni dicione tenerent, pollicitus: quae te, genitor, sententia vertit?
Explain the constructions of Aeneas and quibus. Parse passis.
Write scansion of second and sixth lines of extract.
8. Translate: interea ad templum non aequae Palladis ibant
crinibus Iliades passis peplumque ferebant,
suppliciter, tristes et tunsae pectora palmis;
diva solo fixos oculos aversa tenebat.

## TRIGONOMETRY AND MENSURATION.-XI.

## 3 to 5 p. m., Thursday, 29 June, 1916.

1. Prove $(\sin x-\cos x)(\tan x+\cot x)=\sec x-\operatorname{cosec} x$.
2. Deduce the Law of Cosines.
3. The area of a triangle is 437 , and two of its sides are 36 and 43 . Find
between them, given: $\operatorname{Sin} 34^{\circ} 20^{\prime}=.5640 ; \operatorname{Sin} 34^{\circ} 30=.5664$.
4. Deduce the formula for $\cos (\mathrm{A}-\mathrm{B})$.
5. How many degrees are there in $\frac{\pi}{3}, \frac{7 \pi}{9},-\frac{15 \pi}{2}$, and $\frac{3 \pi}{10}$
ans, respectively?
6. 

Express the trigonometrical ratios of $180^{\circ}-\mathrm{A}$ in terms of those of A .
And is 4 communication trench is 4 feet wide at the top, 3 feet at the bottom,
Der hour, Heet, 6 inches deep. On an average, one man can excavate 20 cubic feet of ${ }^{8}$. De long will it take 60 men to dig a trench 100 yards in length?
${ }^{8}$ Pheres are the formula for the volume of a sphere. Prove that the volumes are to one another as the cubes of their radii.

## GRADE XII.

## GERMAN.-XII.

 sich seine Familie befand, nobei sie oft durch tiefen Schnee (a) the prepositions which govern two cases, giving an example in illustration of each.Compose three sentences illustrating: (a) the Normal order; (b) the
(b) If inverted order: (c) the transposed order.

If a deperled order: ( $c$ ) the transposed order.
latter assume? latter assume? Translate: When we arrived at the hotel, it was still daylight.
3. (a) Translate: Dann verstummten auch Adler und Krähen, nur die Wolfe heulten, und in dem fahlen Licht, welches die untergehende Sonne über den Schnee sandte, sah man die Herde der Hungrigen um die Mauern trotten, hinter denen die Men schen sich bargen.
(b) Illustrate, with sentences of your own composition, the difference between: wann and wenn, and between: dann and denn.
4. (a) Write down the auxiliary verbs of mood, and the Present Indicative of one of them.
(b) What form does the past participle of a modal verb in the perfect and pluperfect adopt when construed with an infinitive. bram slate: He has not been willing to do it. They have bet obliged to work the whole day.
5. (a) Translate: Nachdem man im Audienzsaale einen Halbkreis gebildet, und sich in mehrere gedrängte Reihen gestellt hatte, kung ant bald der Ruf: L'Empereur! die Erscheinung Napoleons ${ }^{\text {s }}$ der von der hintern Seite des Sales hereintrat.
(b) Hereintrat. Classify this verb, and write down its Infinitive and ats $^{\text {ts }}$ Past Participle. In what case is the prefix of such ver ${ }^{\text {bs }}$ separated. Write a sentence in illustration.
6. (a) Translate: "Ich bin Regent im Land an Kaisers Statt Und will nicht, dass der Bauer Häuser baue Auf seine signe Hand, und also frei
Hinleb, als ob er Herr wär in dem Lande: Ich werd mich unterstehn, euch das zu wehren."
(b) State the three prepositions that require the infinitive with $s u$, and write a sentence in illustration.
7. (a) Translate: Mit heissen Thränen wirst du dich dereinst Heimsehnen nach den väterlichen Bergen, Und dieses Herdenreihens Melodie,
Die du in stolzem Ueberdruss verschmähst, Mit Schmerzenssehnsucht wird sie dich ergreifen, Wenn sie dir anklingt auf der fremden Erde.
(b) Write the first two lines in this extract in the Normal order. point $0^{\mathrm{O}^{t}}$ an adverbial clause in the same extract.
8. (a) Translate: Tell. Herr-welches Ungeheure sinnet ihr

 Zu Sinn-Verhüts der guäd'ge Gott-Das Im Ernst von einem Vater nicht begehren!
(b) Sinnt ihr mir an. Fully account for the word an.
(c) What mood is used in Oratio obliqua? Translate for example: He wrote me that he had sold his house.

## GREEK (a).-XII.

11 a. m. to 1 p. m., Saturday, 24 June, 1916.

1. Write the accusative singular and plural of $\nu a v ̂ s, i \pi \pi \epsilon u ́ s, \gamma \in ́ v o s, ~ o ̈ \rho \nu \iota s, ~ e ̀ \lambda \pi i ́ s ;$ and the dative singular and plural of кv́ $\omega v, \pi o ́ \lambda \iota \varsigma, \dot{\eta} \gamma є \mu \omega ́ \nu, \tau \rho \alpha ́ \pi \epsilon \zeta \alpha$.
Explain the common mode of forming the comparative and superlative of adverbs. Compare in full $\theta \hat{\alpha} \tau \tau o v, ~ \beta \epsilon \lambda \tau i \sigma \tau a, ~ i \sigma \chi \nu \rho \bar{\omega} \varsigma$, $\dot{\rho} \alpha \delta i \omega \varsigma, \mu \hat{a} \lambda \lambda o \nu$.
2. Show why liquid and mute verbs differ from vowel (pure) verbs in forming the third person plural of the perfect and pluperfect indicative passive. Il $l_{1 \text { strate }}$ fully by reference to $\lambda \dot{v} \omega$ and $\tau \alpha ́ \tau \tau \omega$.
3. Write brief sentences in Greek illustrating the following constructions: Partitive Genitive, Dative of the Possessor, Accusative of Specification, Cog. nate Accusative, Time When, Time Within Which, Time How Long, Genitive of Value, Genitive of Superiority, Genitive of Separation.
4. Write in Greek the following conditional sentences:
(1) If he had done this, it would have been well.
(2) If he were (now) doing this, it would be well.

(1) Express in Greek the words printed in italics in the following sentences: the rig gave gifts to the soldiers whom he loved. (2) Clearchus commanded Worthy wing. (3) They seized him by the girdle. (4) Ye would be friends
5. of honor. (5) He set out to aid the allies. (6) We should do this. ${ }^{0}{ }^{n}$ e says ranslate into Greek: (1) As to these (simple nominative), O Clearchus, $k_{\text {et. }}$. 3 one thing, another, another. (2) And already it was about full mar-
$b_{\text {est. }}$ (4) Do you, yourselves, O generals, answer these what you hold to be
(4) I will report these things to the king.
6. Translate into Greek: (1) And there was in the camp one Xenophon, ${ }^{\text {P }}$ Athenian, neither general, nor captain, nor soldier: (2) The king of the Persians was not able to take (è cive ) the city: (3) The Medes formerly (to Ta $\lambda_{a t 0^{\prime} \nu}$ ) inhabited it: (4) Xenophon resolved (use impersonal $\epsilon \delta o \kappa \epsilon i$ ) that the Pursuit must be carried on.



${ }^{2}$ nd A phon is considering rival propositions from Seuthes, a Thracian prince, 1. ${ }^{\circ}$ araxibius, a Spartan admiral. He is here speaking to Seuthes.) $^{\text {a }}$ 2. ${ }^{0^{\text {rı }}}$. . ákovóvo $\omega \nu=$ in the hearing of as many as possible.
7. ${ }^{\text {Tov̀ }} \Lambda_{\text {akwlikô }}=$ the Spartan (Anaxibius).
fevíscolau, from $\xi \in v i \zeta \omega$, entertain.

## CHEMISTRY.-XII.

## 3 to 5 p. m., Saturday, 24 June, 1916.

[N. B.-Give equations wherever you can.]

1. Give the early history of oxygen: or, Describe methods of obtaining oxygen from the air.
2. What are the general properties of a solution? What is a normal solution, a molar solution? What is the usual effect of rise of temperature upon solubility? What is peculiar in the case of hydrated sodium sulphate $\left(\mathrm{Na}_{2} \mathrm{SO}_{4}, 10 \mathrm{H}_{2} \mathrm{O}\right)$ ?
3. Discuss the chemical properties of chlorine. What is its action on phosphorus, on sodium, and on lime?
4. How is hydrogen sulphide prepared? What is its action on copper sulphate, on potassium dichromate, on ferrous sulphate, and on iodine? The solutions may have acid or alkali added to them as you wish, but you should state the conditions.
5. Discuss the periodic system.
6. Tell what you can about the inert gases (the helium family); or, give the preparation and properties of nitric oxide.
7. What do you know of the oxygen acids of phosphorus; or, of the causes of luminosity and non-luminosity of flame?
8. Describe any laboratory or class experiment that you have yourgel performed, in such a way as will show how well you have observed the princif to features, and what you have learned by it. Or, Tell what would happen if ted separate portions of a saturated solution of potassium chlorate were added saturat re solution of sodium chloride, of potassium chloride, and of sodium chlorate ${ }^{\text {re }}$ spectively. Explain the result obtained in each case.

## ENGLISH (a).-XII.

## 9 to 11 a. m., Monday, 26 June, 1916.

1. Into what two clearly defined groups is the Celtic branch of the Indor European languages divided? Where do they respectively survive? Or, ${ }^{\text {ond }}$ examples of the resemblance between English and German. How do you acco for it?
2. Give the approximate dates of the four periods of the English Langu Mention four works in the literature of the second period. Or, What is ma by the attributive use of the substantive? How may it be described gram matically? Give examples.
3. Describe and illustrate some of what Lounsbury terms the importhat inflectional changes that have taken place in Modern English. Or, Explain is meant by "root-creation," "onomatopoeia." Give examples.
4. Under what five heads may the changes that have come over the tin conjugations (strong and weak) be classed? Or, Trace the development in ing of the words fast, sad, fine.
5. Sketch briefly the life of Chaucer and give a short account of his principal work.
6. Give an account of the life and work of Francis Bacon.
7. Write a brief note on: (a) Goldsmith, (b) Charles Lamb, (c) Eliot. Mention their principal works.
8. Name the authors of the following works, and give the period in each writer lived:-Morte d'Arthur; Epithalamion; Complete Angler; Jones; The Ancient Mariner; Our Mutual Friend.
N. B.-In answering questions five, six and seven, candidates should stancoast ${ }^{\text {stit }}$ which of the two text books they have studied; "Gwynn" or "Pancoast Shelley."

GREEK (b)--XII.
11 a. m. to 1 p. m., Monday, 26 June, 1916.


 Qivrat. Explain the cases of $\dot{\alpha} \rho \epsilon \tau \hat{\eta}$ and $\sigma \omega \mu a ́ \tau \omega v$; also the use of ${ }_{\alpha} v$ with

2. Translate: äv $\gamma \dot{\alpha}$


 With the $\sigma \pi \alpha \nu \epsilon \epsilon i$. $\delta_{\text {ei }}(\omega)$ the subjunctive differ from an ordinary future? Explain case of $\boldsymbol{\epsilon \pi \tau \tau \gamma}$ ch. Parse oravici.

 is the construction of $\dot{a} \gamma a \theta o{ }^{\prime} v$ ?








 6. ${ }^{\text {case }} \boldsymbol{\tau} \bar{\omega} \nu \iota \kappa \hat{\alpha} \nu$ and $\tau \bar{\omega} \nu \kappa \alpha \lambda \lambda i ́ \sigma \tau \omega \nu$.



 7. Tetion of toúrots.





 ìm $\lambda_{0<\pi \grave{\nu} \nu}$ ? Account for caec.

## FRENCH.--XII.

3 to 5 p. m., Monday, 26 June, 1916.

1. (a) Translate: De tous nos privileges il ne nous reste que deux mots, mais deux mots nue nulle main humaine ne peut rayer: "Nobleses oblige." Et, quoi qu'il en arrive, nous resterons toujour" soumis à un code plus sévèreque la loi, à ce code myst trieux que nous appelons l'honneur.
(b) Il ne nous reste que.... Account for que in this clause; what other word might be substituted? Principal parts of soumis and the Present Indicative of it. Translate: I wish you would submit the matter to him.
2. (a) Translate: Tu as trouve ton maitre mon fils. Mais au nom du ciel, ne fais pas cette piteuse mine! Regarde-toi, tu ${ }^{s}$ l'air d'un paladin qui partait pour la croisade et que la pluie a fait rentrer! Ris donc un peu; l'aventure n'est pastragique.
(b) Give principal parts of: fais, partait, ris. Et que la pluie; explain the nature of $q u e$, and illustrate the difference between: qu'est-ce que? and qu'est-ce qui?
3. (a) Translate: Pauline. Apprends que mon devoir ne dépend point du sien: Qu'il y manque, s'il veut: je dois faire le mien. Quoi? s'il «imait ailleurs, serais-je dispensée *Â suivre, à son exemple, une ardeur insensée?
(b) What is the pronominal form of the object of a verb governing deak Translate: He often speaks of his travels. Does he speak of them.
(c) Translate: Unless you know how to swim, don't bathe here. is the best friend we have in Paris.
4. (a) Translate: Les bontés de mon Dieu sont bien plus à chérir; Il m'ote des périls que j'aurais pu courir, Et sans me laisser lieu de tourner en arrière, *Sa faveur me couronne entrant dans la carrière; Du premier coup de vent il me conduit au port, Et sortant du baptême, il m'envoie à la mort.
(b) Comment on the form of verse used in this extract. Scan the lined marked (*) in extracts 3 and 4.
5. (a) Translate: Je dois ma vie au peuple, au prince, à sa couronne: Mais je la dois bien plus au Dieu qui me la donne: Si mourir pour mon prince est un illustre sort, Quand on meurt pour son Dieu, quelle sera la mort!
(b) Translate: He is to go to England. You ought to tell him the trut th. You should have written to him long ago.
6. (a) Illustrate, giving short examples, the difference between vers and envers between avant and devant.
(b) Mention the conjunctions that require the Subjunctive with nea ${ }^{\text {and }}$ translate: Do not run for fear you may fall. Unless we ${ }^{\text {a/ }}$ diligent we shall not succeed.
7. (a) Translate: Vous avez raison, Monsieur, je suis forcé de le reconnaitre, s'écria-t-il avec un geste de résignation. A votre voix, la lumière est descendue dans mon esprit: je comprends que j'ai failli à tous mes devoirs. Plut à Dieu que je vous eusse rencontré plus tôt!
(b) Account for the word plûl; why in this mood? Give the principal parts of it. Translate: What we need is a cold climate. What kind of weather will it be this evening? We can't go out when it is raining.
8. 

(a) Translate: En ce moment un éclair sillonna la nue. Le tonnerre gronda, une grêle furieuse mêlée d'une pluie abondante fondit sur la plaine, et vint fouetter la vitre de la portière. La conversation s'arrêta.
(b) Explain, giving two examples, the difference in the meaning of: venir de and venir à.
(c) Translate: What are you thinking of? What I spoke of is true. The gentleman with whose daughter we have travelled. There was nobody at home when I arrived.

## GEOMETRY.-XII.

## 9 to 11 a. m., Tuesday, 27 June, 1916.

product If a transversal is drawn to cut the sides produced of a triangle, the
of the other the three alternate segments taken in order, is equal to the product other three segments.
2. If two intersecting straight lines are parallel respectively to two other
inlersecting straight lines
manecting straight lines which are not in the same plane with them, then the aining the first pair is parallel to the same plane with them, then the
$\left.t_{0}\right\}_{\text {of }}^{\text {3. D it in area. }}$.
high, standing (1) the slant surface (2) the volume of a right pyramid 12 inches ng on a square base whose side is 10 inches.
${ }^{t_{0}}{ }^{5}$. $A B C D$ is a quadrilateral in which the diagonal A C is at right angles of the sides $A B, C D$. If $A B=1.5 \mathrm{~cm} ., A C=3.6 \mathrm{~cm}$., $A D=8.5 \mathrm{~cm}$., gure, and find $\sin$ A B C, $\tan$ A C B, $\cos$ CD A, $\tan$ D AC.
 $7 \quad \mathrm{~T}_{\mathrm{L}}$ : triangle ABC: : AP.AQ:AB,AC.
${ }^{1} X^{7} \dot{Y}: X Y$ is drawn parallel to $B C$, the base of the triangle $A B C$; if triangle fig. X B C $\mathrm{C}:: 4: 5$, prove $\mathrm{A} X: X \mathrm{X}: \mathbf{\mathrm { B }} \mathrm{B}: \mathbf{2 : 1}$.


## MEDIEVAL AND MODERN HISTORY.-XII.

## 11 a. m. to 1 p. m., Tuesday, 27 June, 1916.

1. Tell what you know of Feudalism-its development, benefits, defects and decay.
2. (a) "European civilization is mainly the result of the blending of three historic elements" Explain. (b) Trace the rise of the so called Romance nations, and the formation of the Romance languages.
3. Write a note on Parliamentary reform in England during the nineteenth century.
4. Give character of Charlemagne, and a concise account of the principal events in his career.
5. With what great movements were the following connected: Peter the Hermit, Petrarch, William the Silent, Hampden. Explain briefly one movement.
6. Tell what you know of the Treaty or Congress of Berlin.
7. Give brief account of period known as "The Hundred Days."
8. Sketch the rise of Russia under Peter the Great.

## PHYSICS.-XII.

3 to 5 p. m., Tuesday, 27 June, 1916.

1. A car starting from rest runs on a down grade of one foot in sixty, for two minutes when it comes to an up grade of one foot in thirty, up which it runs till it stops. Assuming that there is no friction, calculate how far the car runs on the down grade, how far the lowest point of this grade is below the top, how high above the lowest point the car will be when it stops, and how far it will go on the steep grade.
[The calculations are all short if taken in the common sense way, the slopes being as given help to make the calculations easy. If each calculation is worked out laboriously by the mechantical application of a formula, more time will be required.I
2. Suppose a body floats in liquid $A$, with one-fifth of its volume above the liquid, and in liquid $B$ with one-tenth of its vclume 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 as compared with liquid B as standard? This is not a long or complicated calculation, and needs only a careful consideration of the general principles of buoyancy).
3. A spring balance would have to be used to compare the weight of a body on the sun or moon with that on the earth. Explain why; Or, The diameter of the planet Mars is 4230 miles, and its density seven-tenths that of the Earth, so that a pound mass weighs less than half as much on the surface of Mars as it does on the Earth. Give the calculation showing how much it does weigh.
4. Discuss size of the molecules; or explain why a mass of liquid air in an open vessel does not immediately change into a gas when brought into a room at the ordinary temperature.
5. The Kaleidoscope was invented just one hundred years ago by ${ }^{\text {sir }}$ David Brewster. Describe it. Also show that if two mirrors are inclined at an angle of $60^{\circ}$, and a ray of light travelling parallel to the first mirror is reflected from the second to the first, and is again reflected, the course of the ray is now parellel to the second mirror.
6. Explain the action of lenses upon light according to the wave theory; or, calculate the magnifying power of the simple microscope; or describe the prism binocular.
7. Explain why an electromagnet is more powerful than a helix without the iron core. How can you tell by knowing the direction of the current which end of the electromagnet would be the north?; or Explain the scale of equal temperament in music.
8. The potential difference between the electric wires entering a house is 104 volts, and an average current of 8 amperes flows thru them for four hours each day. .How many watt-hours of energy must the house holder pay for in a month of thirty days? What is the cost at eight cents per kilowatt hour?; Or, $\mathrm{D}_{\text {iscuss }}$ musical instruments in which the vibrations are produced by the breather's lips.

## ALGEBRA.-XII.

9 to 11 a. m., Wednesday, 28 June, 1916.

1. Solve $x^{2} y^{2}+400=41 x y, y^{2}=5 x y-4 x^{2}$.
2. Find the relation between $a$ and $b$ if $x^{2}-a x+b=0$ has two consecutive
integers for roots.
3. Given $\log .3=.4771213$ find how many digits there are in the 27 th power
4. Given log. $3=.4771213, \log .2=.3010300, \log .67=1.82607$, find in how 20 many years the population of a town will double itself if out of every thousand yearly and there are 25 births.
5. In an examination consisting of 6 papers, 40 per cent. must be made in each paper for a pass. How many different ways of failing are there?
6. Write down and simplify the first six terms in the expansion of $(1-2 x)^{\frac{3}{2}}$.
7. Find four proportionals such that the sum of the extremes is 21 , the sum means 19 and the sum of the squares of all four 442.
8. The expenses of a year at college are partly constant, and partly vary as the length of the term. The cost for 30 weeks is 235 dollars, and for 40 weeks is 305 dollars. What would be the cost for a term of 35 weeks?

> LATIN (a).-XII.

## 11 a. m. to 1 p. m., Wednesday, 28 June, 1916.

1. Give the ablative singular and (where found) the genitive plural of vox, $n_{0 x},{ }_{n i x}$, facinus, caro, jusjurandum, sedile, domus, iter. Write the perfect participles of orior, morior, metior, mentior, sequor, reor,
ordior, fungor, potior, praficiscor. 2. What is the usual or general way of expressing purpose?

Indicate other ways, specifying the particular force or limitations of each.
3. Point out fully the essential points of difference between the gerund and oberundive. State and illustrate the rule for changing a gerund with a direct ect into the gerundive construction.
4. Give rules explaining the construction of italicized words in following sentences: (1) vitam felicem vivebat. (2) Vir summo ingenio erat. (3) Nunquam illius anni obliviscor. (4) Quanti illum domam vendidit? (5) Longum iter abest.
5. Translate into Latin: (1) We must go. (2) He hopes to see you. (3) Caesar was informed that there would be difficulties. (4) Caesar ordered the soldiers to make a sally.
6. Translate into Latin: (1) A brave lieutenant was in charge of the tenth legion. (2) Nevertheless it pleased the greater part. (3) They gave assurance that they would send help. (4) The attack was checked.
7. Translate into Latin: (1) Caesar was unwilling to do that. (2) Those things were unknown to the Gauls. (3) This happened luckily to Caesar. (4) Almost at the same time Caesar led his army thither (eo).
8. Translate at Sight:
nam Hannibalis et apud Romanos iam ante Sagunti excidium celeberrimum nomen erat, et Scipionem Hannibal eo ipso, quod adversus se dux potissimum lectus esset, praestantem virum credebat, et auxerant inter se opinionem, Scipio quod relictus in Gallia obvius fuerat in Italiam transgresso Hannibali, Hannibal et conatu tam audaci traiciendarum Alpium et effectu.
obvius fuera:-had met.

## BOTANY.--XII.

## 3 to 5 p. m., Wednesday, 28 June, 1916.

1. Discuss the various kinds of stem under the heading either of general external form, or of internal structure.
2. In a similar manner, discuss leaves under the heading leaf arrangement and heliotropic movements; or the structure and function of leaves.
3. Describe in detail any one of the algae; or discuss the evolution of the algae.
4. Describe with drawings, any one of the fungi, showing the characteristics that place it in its particular class.
5. Discuss plant evolution up to the pteridophytes; of the origin and of evolution of the pteridophytes; or describe, in detail, any particular genus of the pteridophytes.
6. Discuss the gymnosperms; or distinguish between the yellow potentilla (Potentilla Canadensis) and the buttercup.
7. How are plants protected from self-pollination? How do movements of the floral organs sometimes help pollination? What is meant by cleistogamous flowers?
8. Describe any field work, or laboratory work in botany, that you have done, in such a manner as will enable the examiner to judge of its value to you.

## LATIN (b).-XII.

## 9 to 11 a. m., Thursday, 29 June, 1916.

1. Translate: eorum fines Nervii attingebant; quorum de natura moribusque Caesar cum quaereret, sic reperiebat: nullum aditum esse ad eos mercatoribus: nihil pati vini reliquarumque rerum ad luxuriam pertinentium inferri, quod eis rebus relanguescere animos (eorum) et remitti virtutem existimarent.
Parse attingebant, reperiebat, pati. Account for the tense of quaererei, and reperiebat. Syntax of vini.
2. Translate: Id ea de causa faciebat, quod cum tanta multitudine hostium, praesertim eo absente, qui summanm imperii teneret, nisi aequo loco aut opportunitate aliqua data legato dimicandum non existimabat.
What relation is expressed by eo absente. Explain construction of opportunitate. Account for case of legato.
3. Translate: Caesar questus, quod, cum ultro in continentem legatis missis pacem ab se petissent, bellum sine causa intulissent, ignoscere imprudentiae dixit obsidesque imperavit; quorum illi partem statim dederunt, partem ex longinquioribus locis arcessitam paucis diebus sese daturos dixerunt.
Parse guestus and arcessitam. Account for case of imprudentiae.
4. Translate: Ipse idoneam tempestatem nanctus paulo post mediam noctem naves solvit: quae omnes incolumes ad continentem pervenerunt; sed ex iis onerariae duae eosdem, quos reliqui, portus capere non potuerunt et paulo infra delatae sunt.
Parse nanctus. Explain clearly the construction of the words quos reliqui.
5. Translate: at Capys, et quorum melior sententia menti, aut pelago Danaum insidias suspectaque dona praecipitare iubent, subiectisque urere flammis: aut terebrare cavas uteri et temptare latebras. scinditur incertum studia in contraria vulgus.
6. Translate: hei mihi, qualis erat! quantum mutatus ab illo Hectore, qui redit exuvias indutus Achilli, vel Danaum Phrygios iaculatus puppibus ignes! squalentem barbam, et concretos sanguine crines, vulneraque illa gerens, quae circum plurima muros accepit patrios.
Tourth lines.

> 7. Translate: talibus insidiis periurique arte Sinonis credita res, captique dolis lacrimisque coactis, quos neque Tydides, nec Larissaeus Achilles, non anni domuere decem, non mille carinae.

Parse coaclis and domuere. Write a note on Tydides. What class of nouns
the word illustrate? the word illustrate?
8. Translate: at non ille, satum quo te mentiris, Achilles talis in hoste fuit Priamo: sed iura fidemque supplicis erubuit, corpusque exsangue sepulcro reddidit Hectoreum, meque in mea regna remisit.
Parse, word by word the clause satum-mentiris.

ENGLISH (b).--XII.

## 11 a. m. to 1 p. m., Thursday, 29 June, 1916.

1. Write a note, illustrated by examples, on the "Grammar" of Shakespeare.
2. Give a description of the scene before Snylock's house, between Shylock, Launcelot and Jessica. (Act II., Scene 5).
3. Explain, and when necessary, comment on:-
(a) "His means arc in supposition."
(b) "Bring them, I pray thee, with imagined speed unto the tranect."
(c) "Give him a livery more guarded."
(d) "Soft stillness and the night
(e) "Merome the touches of swect harmony."
4. Give a brief biographical sketch of Edmund Burke.
5. In support of the view that concession should be made to America. Burke cites four facts respecting its condition at the time. What are they? Give briefly, the substance of his remarks.
6. Give in your own language, Milton's description of Satan; Or, Give briefly, the substance of Moloch's speech.
7. Explain the following:-
(a)
"As when the potent rod
of Amram's son, in Egypt's evil day waved round the coast."
(b) "The grunsel edge."
(c) In perfect phat "Anon they move to Dorian mood of flats" In perfect phalanx "With feats of arms From either end of heaven the welkin rings."
"The parching air Burns frore, and cold performs the effects of fire.'
8. Give a brief summary of the events that occurred on the night of the duel, from "The Master of Ballantrac." Or, Give a brief outline of Whittier's "Snow-bound," or, of "The Squire's Story."

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, 29 June, 1916.

1. Solve the equation : $\cos 2 x=5 \sqrt{2} \cos x-5$, giving the complete solution.
2. What is a radian? Find its value to the nearest minute, taking $\pi=\frac{23}{7} . \quad$ Express $45^{\circ}, 30^{\circ}$ in radian measure.
3. Prove the following identity : $(\sin 3 x-\sin 5 x)+(\cos 3 x-\cos 5 x) \cot$ $4 x=0$.
4. Prove $\cos 3 A=4 \cos ^{3} A-3 \cos A$.
5. From two points, A and B, 500 yards apart along the shore, observations of a ship (S) are made. If the angles B A S and A B S are found to be $115^{\circ} 55$ and $52^{\circ} 50^{\prime}$ respectively, find the distance, correct to the nearest yard, of S from A . Given $\sin 11^{\circ} 15^{\prime}=.1951$, $\sin 52^{\circ} 50^{\prime}=.7969$.
trian. Explain what is meant by polar triangles. Prove that in two polar other.
6. Give Napier's Rules of Circular Parts for a right-angled spherical triangle. Apply them to obtain a formula for $\tan$ A and one for $\sin$ B.
7. Prove that, in any spherical triangle, the sines of the sides are proportional to the sines of the opposite angles.

## TEACHERS' MINIMUM PROFESSIONAL QUALIFICATION EXAMINATION.

For Syllabus See pages 100 and 101 of the Apri, 1916, Journal of Education. M. P. Q.

SCHOOL LAW AND FORMS.
9 to 10 a. m., Friday, 30 June, 1916.
(Six questions only to be answered).
different What are the functions of the "Journal of Education?" Mention the frent kinds of information given in the April Journal of this year.
2. When is the Annual School Mecting? What is its order of business?
of ratepayers?
the $\begin{aligned} & \text { 3. How is property of non-residents rated for schooi purposes? How, }\end{aligned}$
4. What provision does tne law make for protection of teachers from abusive
teacrons in school? What provision for annuities for teachers? What for
teachers holding a Rural Science Diploma?
5. On what conditions are Third Class Temporary Licenses granted?
6. What is a "Teacher's Return?" A "Trustees' Return?" Give in some Attend the information asked for in them. How are found (a) "Average Daily ance," (b) "Percentage of Pupils in Daily Attendance?"
7. What do you know about school libraries?
M. P. Give all the requirements for a Grade X Certificate; A Second Rank Q. Certificate; A Second Class License.

## THEORY AND PRACTISE OF TEACHING.

10.10 to 11.10 a. m., Friday, 30 June, 1916.

1. Describe the proper position of a pupil's body in writing, the proper childg the pen, and state the advantages of teaching the larger writing
all children.
2. In what way can a plan of the school premises and its surroundings

Dremises an elementary lesson in Geography. Draw such a plan of any school
notions of and, and show how it would be made useful in giving to children tions of dimensions and distance.
3. Make a brief outline of appropriate "Arbor Day" exercises in a Common School. If your school is supplied with (a) a weather chart, (b) a time table, (c) a garden, and (d) a flag; What use would you make of each of them?
4. Make a list of the employments and manual exercises which you consider most useful and interesting in the training of young children, and note the special educational advantages of each?
5. Richter says, "Let us respect the happiness of children." Explain how you would give effect to this counsel in school, without diminishing its efficiency as a place of serious work.

## HYGIENE AND TEMPERANCE.

### 11.20 to 12.20 a. m., Friday, 30 June, 1916.

(Only five questions to be answered).

1. How may the spread of infectious diseases be prevented?
2. How may the evils of unnecessary fatigue in school work be prevented ${ }^{\text {? }}$
3. Explain the prevalence, symptoms, evil effects and treatment of adenoids.
4. Give a few reasons in favor of prohibition, and show how they have been emphasized by modern events.
5. What part should recreation have in the daily time table of the school?
6. Describe the special ways of preventing the different kinds of bleeding.
7. Explain the importance of correct breathing, and describe some exercises. useful in securing this result.

## SCHOOL MANAGEMENT.

## 2 to 3 p. m., Friday, 30 June, 1916.

(Only five questions to be answered).

1. What are some of the natural and acquired qualifications necessary to become a good teacher?
2. What general principles should be kept in view in making up a time table for your school?
3. Explain why rewards should be used sparingly in stimulating gchool work.
4. What are the advantages and disadvantages of oral teaching? How may the latter be guarded against?
5. What should be the nature and amount of the home work required of pupils in the elementary school?
6. What are the characteristics of good questions in teaching?
7. Describe three methods of teaching reading to beginners, stating the advantages and disadvantages of each.
8. Explain how division by fractions should be taught.
9. Explain the proper use to make of names and technical terms in the 9. Explain the proper use to make of names and technical terms in ${ }^{\text {and }}$
teaching of natural science. What danger is to be avoided in this connex

## HISTORY OF EDUCATION.

### 3.10 to 4.10 p. m., Friday, 30 June, 1916.

(Six questions only to be answered).

1. Show how intimate Greek Education was with life. What were the main differences between the Spartan and Athenian ideals of education?
2. To what extent did the Roman schools become State Schools? To What extent are the English, German, Canadian and United schools, State schools?
3. What is scholasticism? When did it prevail? Write a note on its conone.

Realism? What is meant by Humanistic Realism? How does it differ from Social sm? Who were the leading exponents of each?
5. What writer exercised the greatest influence on modern scientific eduCation? What does he characterize as a liberal education?
6. What were the systems of Bell and Lancaster? How was the latter $\mathrm{con}_{n \text { nected with wre the syation in America? }}$
7. What evidence do you see of the sociological tendencies of education in the Nova Scotia system? Illustrate from the Primary School to the University, and outside the Public Schools.

## PEDAGOGY.

4.20 to 5.20 p. m., Friday, 30 June, 1916.
(Only five questions to be answered).

1. Discuss the different ethical aims in education, showing wnich you consider the true aim and why.
is 2. Show how organization as a factor of recall operates in education. How ganization promoted?
2. Give your views on the theory of generalized habit.
3. What general rules may be laid down for the successful conduct of the excursion?
of ${ }^{5}$. Explain what is meant by the method of instruction, and the method elopment in education. Show the advantages of eacn method.
in conveying thought. $\begin{gathered}\text { 6. Explors which condition the nighest efficiency of language }\end{gathered}$
8 7. "The time spent by the average child in 'preparing lessons' (seat work)
vil largely thrown away."-Bagley. Explain how this is true and how the should be guarded against.
${ }^{\text {dycation? }} 8$. What are the functions and methods of reviews and examination in

## UNIVERSITY GRADUATES' EXAMINATION.

No papers prepared in the following Majors:-Greek, German, Physics, Chemistry, Geology. The papers set for the candidates in German Minor, Greek Minor and English Major were handwritten and are not in type.

## ENGLISH—MINOR.

1 and 2. Write an essay on one of the following subjects:-
(a) The Climate of Nova Scotia.
(b) Rural Science Studies.
(c) When the War is over.
3. Discuss the effect of the Norman Conquest on the native language of England.
4. Show how Lounsbury meets the objection that in adopting "Spelling Reform", the knowledge of the derivation of words would be lost.
6. Herford describes Jane Austen as "Perhaps the most perfect literary" artist of our period." Give the substance of his remarks on her literary nerits. Mention three of her works.
6. Write a short note on each of the following:-
(a) Sydney Smith; (b) Thomas Moore; (c) John Keats.
7. Give a brief biographical sketch of Thomas Carlyle, followed by a short note on the style of his writings.
8. Mention three of the principal authors of what Walker terms "The later fiction," and give an account of any one of the three.
9. Give an outine of one of the following poems:-
(a) "The old Cumberland Beggar."
(b) "Character of the happy Warrior."
(c) "Intimations of Immortality."

Point out what you consider its chief characteristics.
10. It is said that in "Internal Form", Browning often defies the established laws of literature. Explain how he does so.

Comment briefly on one of the following poems:-
(a) "My last Duchess."
(b) "Evelyn Hope."
(c) "De Gustibus."

Oi, Write a short note on the poetry of Tennyson. Point out the special features in the following poems:-
(a) "The Lady of Shalott."
(b) "The May Queen."
(c) "The Brook."
11. Name the author and poem from which eacn of the following extracts is taken:-
(a) "Then shook the hills witn thunder riven;

Then rushed the steed to battle driven."
(b) "Wild spirit which art moving everywhere;

Destroyer and Preserver; Hcar, O Hear."
(c) "I remember, I remember

The fir trees dark and high.'
(d) "Few and short were the prayers we said,

And we spoke not a word of sorrow."
(e) "Waken, lords and ladies gay, To the greenwood haste away."
12. Give the substance of Matthew Arnold's criticism of Chaucer's poetry.

## 1. Translate:-

## LATIN-MINOR.

'An me in praetorio patris, clarissimi imperatoris, prope natum, certe eductum, domitorem Hispaniac Galliaeque, victorem eundem non Alpinarum modo gentium sed ipsarum, quod multo maius est, Alpium, cum semenstri hoc conferam duce, desertore exercitus sui? cui si quis demptis signis Poenos Romanosque hodie ostendat, ignoraturum certum habeo, utrius exercitus sit consul.
2. Translate:-

Sit igitur, iudices, sanctum apud vos, humanissimos homines, hoc poetae nomen, quod nulla umquam barbaria violavit. Saxa et solitudines voci respondent, bestiae saepe immanes cantu flectuntur atque consistunt: nos instituti rebus optimis non poetarum voce moveamur? Homerum Colophonii civem esse dicunt suum, Chii suum vindicant, Salaminii repetunt, Smyrnaei vero suum esse confirmant, itaque etiam delubrum eius in oppido dedicaverunt; permulti alii praeterea pugnant inter se atque contendunt.

## 3. Translate:-

Partito exercitu T. Labienum cum legionibus tribus ad Oceanum versus in eas partes quae Menapios attingunt, proficisci iubet; C. Trebonium cum pari legionum numero ad eam regionem, quae Atuatucis adiacet depopulandam mittit; ipse cum reliquis III ad
flumen Scaldim, quod influit in Mon flumen Scaldim, quod influit in Mosam, extremasque Arduennae partes ire constituit, quo cum paucis equitibus profectum Ambiorigem audiebat. Discedens post diem VII sese reversurum confirmat, quam ad diem ei legioni, quae in praesidio relinquebatur,
frumentum deberi sciebat.
4. Translate:-

Primus ibi ante omnis, magna comitante caterva,
Laocoon ardens summa decurrit ab arce et procul ' $O$ miseri, quae tanta insania, cives? Creditis avectos hostes aut ulla putatis dona carere dolis Danaum? Sic notus Ulixes? Aut hoc inclusi ligno occultantur Achivi, aut haec in nostros fabricata est machina muros inspectura domos venturaque desuper urbi, aut aliquis latet error: equo ne credite, Teucri, Quidquid id est, timeo Danaos et dona ferentis.
5. Translate:-

Additur imperiis Hispania: Pyrenaeum transilit. Opposuit natura Alpemque nivemque: diducit scopulos et montem rumpit aceto. Iam tenet Italiam: tamen ultra pergere tendit:
"Actum," inquit, "nihil est, nisi Poeno milite portas
frangimus et media vexillum pono Subura" O qualis fa ies et quali digna tabella, cum Gaetula ducem portaret bellua luscum! Exitus ergo quis est? O gloria! vincitur idem nempe et in exsilium praeceps fugit, atque ibi magnus mirandusque cliens sedet ad praetoria regis, donec Bithyno libeat vigilare tyranno.
6. Decline in both numbers sanctius animal. Give the dative singular and plural of vis, vir, bos, sedile, fructus, solus. Assign infinitives to the supines cultumr surrectum, fictum and casum.
7. Write short sentences or phrases illustrating the following constructions: ablative absolute, the mood in indirect questions, purpose clauses (in at least three forms), genitive of value, dative of agency, dative of the possessor.
8. Give a critical estimate of the poetry of either Virgi! or Horace (not of both) classifying and naming the chief productions of the writer selected.
9. Distinguish between Latin and English poetry. State construction of the Dactylic Hexameter. Give the chief rules for the quantity of final syllables ending in a vowel.
10. Translate into Latin: (1) Octavius was born at Rome when Cicero was consul. (2) He said that he had waged many wars but now was desiring peace. (3) He promised to come soon. (4) They wonder why they are ordered to go.

## FRENCH-MAJOR.

1. Translate: Cléante. À votre nez, mon frère, elle se rit de vous;

Et, sans avoir dessein de vous mettre en courroux,
Je vous dirai tout franc que c'est avec justice.
A-t-on jamais parlé d'un semblable caprice?
Ft se peut-il qu'un homme ait un charme aujourd'hui
A vous faire oublier toutes choses pour lui;
Qu'après avoir chez vous réparé sa misère,
Vous en veniez au point?
Orgon.
Halte-là mon beau-frère:
Vous ne connaissez pas celui dont vous parlez.
Cl ante. Je ne le connais pas, puisque vous le voulez;
Mais enfin, pour savoir quel homme a peut etre
Orgon. Mon frère, vous seriez charmé de le connaître,
Et vos ravissements ne prendraient point de fin.-Molièe.
2. Translate: Agrippine.' Ce jour, ce triste jour frappe encor ma memoire,
(*) Où Néron fut lui-même ébloui de sa gloire, Quand les ambassadeurs de tant de rois divers
Vinrent le teconnaître au nom de l'univers.
Sur son trône avec lui j'allais prendre ma place:
J'ignore quel conseil prépara ma disgráce.
Quoi qu'il en soit, Neron, d'aussi loin qu'il me vit,
Laissa sur son visage éclater son dépit.
Mon coeur meme en concut un malheureux augure.

L'ingrat d'un faux respect colorant son injure, Se leva par avance; et courant m'embrasser, 11 m'écarta du trône où je m'allais placer. Depuis ce coup fatal le pouvoir d'Agrippine Vers sa chute à grands pas chaque jour s'achemine.--Racine.
3. Translate: Cornélie. César, car le destin, que dans tes fers je brave, Me fait ta prisonnière et non pas ton esclave, Et tu ne prétends pas qu'il m'abatte le coeur
(*) Fille de Scipion, et pour dire encor plus, Et de tous les aussauts que sa rigucur me livre, Rien ne me fait rougir que la honte de vivre: J'ai vu mourir Pompée, et je ne l'ai pas suivi; Et, bien que le moyen men ait été ravit, Qu'une pitié cruclle à mes douleurs profondes M'ait ôté le secours et du fer et des ondes Je dois rougir pourtant, après un tel malheur, De n'avoir pu mourir d'un accès de douleur.-Corneille.
4. Translate into French: It would not, nowever, be entircly fair to Madame de Staël to sec in her conception of morality a mere Rousseauistic intoxication. Tne two ruling passionception of her life were hatred of Napoleon and love the her father, and as she grew older, she showed herself more and more not merely the daughter but the disciple of Necker. Both her rationalism and her emotion$\mathrm{alinm}_{\text {wiss }}$ protestant. protestant.
5. What mord is used after the superlative and the words: le premier, le ${ }^{\text {dernier, }}$ le seul, etc. followed by a relative pronoun? translate for examples: $\mathrm{H}_{\mathrm{e}}$ is the most prudent man I know. There is nothing I hate more. It is the first examination we have to pass.
6. Translate the following sentences, and give the reason for the use of the subjunctive in each case: Il ne s'en ira pas sans qu'on le metle à la porte. Je ${ }^{\text {tremble }}$ qu'il ne f $\hat{u} t$ présent. Passant, qui que tu sois, respecte ce tombeau. Je ${ }^{\text {ne }}$ nie pas qu'il ne f $\hat{u} \iota$ venu s'il avait été prévenu. Vous craindricz qu'il prît la chose trop à cocur.
7. Point out the mistakes in the following sentences and correct them: I' a su connaître et se servir de ses avantages. Le Câteau a vapeur va et revient d'Amerique en vingt-cinq jours. Il est utile et chéri de ses parents. Sans le
savoir savoir il a parlè vingt-cinq jême temps contre et en faveur de la loi. Denents. Dans le
a besoin.
foll 8. Explain the rule of the agreement of the past participle immediately her wed by an infinitive, and translate: I admire this actress, I saw (have seen) Well, applauding. I admire this actress, I saw her applauded. This lady sings I have heard her sing. This ballad is pretty; I have heard it sung.

[^0]10. State a few cases in which ne alone as a negative is used, and illustrate each case with an example.
11. Comment on: Molière, Racine, Corncille.

The literature at the time of Louis XIV.
The foremost writers of this period and their works.
The form of verse in the extracts.
12. Write a short essay in French on one of the following subjects:

The French language. Education in England. My native country.

1. Translate:

Orgon Ah! si vous aviez vu comme $j$ 'eu fis rencontre, Vous auriez pris pour lui l'amitié que je montre.
(*) Pour m'aller à la porte, offrir de l'eau bénite.-Molierre.
(a) J'en fis rencontre. Comment on en, and substitute the object for which it stands.
(b) The English whose with a preposition cannot be expressed by dont in French; explain and translate: the nation for whose freedom they are fighting.
2. Translate: Balzac me disait dans la suite: Vous chercher l'homme tel qu'il devrait être; moi, je le prends tel qu'il est, Croyez-moi nous avons raison tous aeux. Ces deux chemins conduisent au même but. J'aime aussi les êtres exceptionnels; jến suis un. Il m'en faut d'ailleurs pour faire ressortir mes etres vulgaires, et je ne les sacrifie jamais sans nécessité. Mais ces ètres vulgaires m'intéressent plus qu'ils ne vous intéressent. Je les grandis, je les idéalise, en sens inverse, dans leur laideur ou leur bêtise.-George Sand.
(a) Qu'ils ne vous intéressent. Account for ne in this clause. Certain verbs require ne and the subjunctive explain and give two illustrations.
3. Translate: Harpagon. Les voilà bien malades; ils ne font rien. Mîture Jacques. Et pour ne rien faire, monsieur, est-ce qu'il ne faut rien manger? Il leur vaudrait bien mieux, les pauvres animaux, de travailler beaucoup, et de manger de même. Cela me fend le coeur de les voir ainsi exténués, car, enfind j'ai une tendresse pour mes chevaux, qu'il me semble que c'est moi-même, quand je les vois pâtir; je m'ôte tous les jours pour eux les choses de la bouche; et c'est être, monsieur, d'un natural trop dur, que de n'avoir nulle pitiè de son prochain. Harpagon. Le travail ne sera pas grand, d'aller jusqu'a la foire.Motière.
(a) Write the sentence: Il leur vaudrait.......de manger substituting the subjunctive for the infinitive of de travailler and of de manger.
4. Translate: Waterloo. L'instant fut épouvantable, Le ravin était là, inattendu, béant, à pic sous les pieds des chevaux, profond de deux toises entre son double talus; le second rang y poussa le premier, et le troisième y poussa le second; les chevaux se dressaient, se rejetaient en arrière, tombaient sur la croupe glissaient les quatre pieds en l'air pilant et bouleversant les cavaliers, aucurs moyen de reculer, toute la colonne n'était plus qu'un projectile, la force acquise pour écraser les anglais, écrasa les français, le ravin inexorable ne pouvait se rendre que comblé.-Victor Hugo.
(a) Illustrate the difference in the use of: pouvoir and savoir, both meaning can.
5. Translate into French: Money is the most general element of Balzac's novels; other things come and go, but money is always there. His great ambition and his great pretension as a social chronicler was to be complete, and he was more complete in this direction than in any other. He rarely introduces a person without telling us in detail how his property is invested, and the fluctuations of his "rentes" impartially divide the writers attention with the emotions of his heart.
6. Translate into French: Let us go on top of the omnibus; we shall see better. The prices never vary, whatever the distance may be. By the way, I don't know whether you have noticed that the carriages always keep to the right of the street. The street on which the window looks out is swarming with people.
7. Establish the difference between: quelque and quel que. In what case is quelque invariable? Translate for examples: Whatever services you have done me, I have been thankful for them. Whatever your motives may be, your conduct will be blamed. However powerful your enemies may be, they will not succeed.
8. What is the agreement of the past participle fait followed by an infinitivee Translate: the houses wnich he has had built are all let.
9. Write in French a short description of an imaginary night-attack of a French regiment upon the trenches of the enemy, routing them with heavy of a
10. Comment on: Molière, Victor Hugo, George Sand.

The golden age of French literature. The master of tragedy in that age. Comparison between Molière and Shakespeare. The form of verse used in extract (1). Scan the lines marked with an (*).

## MATHEMATICS-MINOR.

1. The straight line bisecting the vertical angle of a triangle divides the base in the ratio of the two sides. Prove this.
2. Prove that the locus of points from which the tangenta to two nonintersecting circles are equal is a straight line.
3. If a straight line is parallel to two intersecting planes it is parallel to their line of intersection.
dron, $^{4}$. A regular tetrahedron has tne same total edge length as a regular octaheCompare the total surfaces of the two figures.
4. If $a, b$ are the roots of $2 x^{2}-x+1=0$ evaluate $a^{4} b^{7}+a \quad b^{4}$.
each ${ }^{6}$. How many numbers can be constructed by using the digits $1,2,3,7,8,9$ nce provided all are to lie between 300,000 and 900,000 .
(2-8. ${ }^{7}$. Find the coefficient of $x^{100}$ in the expansion by the binomial thereon $o$
5. Prove $\log y^{x}$ is the reciprocal of $\log x^{y}$.
6. Prove that $\operatorname{Sin} .10^{\circ}+\operatorname{Sin} .50^{\circ}=\operatorname{Sin} .70^{\circ}$.
7. Solve completely $\operatorname{Cos} 3 x+\operatorname{Sin} .3 x=\operatorname{Cos} x+\operatorname{Sin}, x$.
8. If $\operatorname{Sin} x=\frac{5}{13}$ evaluate $\operatorname{Sin} 2 x \operatorname{Cos} \frac{x}{2}$.
9. State and prove the relation between the three sides of a right spherical triangle.

## PHYSICS-MINOR.

1. What is meant by the hodograph? Prove the statement in Watson. "The acceleration of a particle at any point of its circular path is, therefore, along the radius of the circle at that point, the sense of the acceleration being towards the center."
2. Explain, using a diagram, what is meant by simple narmonic motion.
3. How would you prove Boyle's Law?
4. How is the specific heat of gases at constant pressure determined? From the data thus obtained; or otherwise, how can the specific heat at constant volume be determined?
5. Describe methods of determining the frequency of vibration of a tuning fork; Or, describe the character and metrod of the making of Lissajous' figures; Or, discuss the transverse vibration of plates.
6. Describe a method for determining the velocity of sound in water; $O$, in a solid.
7. Draw and explain a figure representing the reflection of a point situated between two plane mirrors inclined at an angle, and consider the special case when the angle is $60^{\circ}$; Or describe with the help of a drawing, the multiple images produced by reflection from a plane mirror of thick glass silvered on the back.
8. Why docs a short sighted person use a concave lens? The focal length of such a lens is 6 inches and a small object is placed 18 inches from the lens; draw a figure showing the path of the rays by which the image is formed, and determine its position, which can be done by the use of a formula, so that the drawing need not be to exact scale.
9. Describe in a general way the action of clectrical currents upon neighboring currents as shown by the lines of force: Or, give experiments which show the character of the action: $O_{r}$, descrite the electro-dynamometer whose construction illustrates the principle.
10. Discuss any section of physics large or small not discussed in any of the other questions. (This questinn is expected to be answered in accordanced with the grade of the examination. If the field covered is large it can be treated only in a general way; if small, it must be treated in detail. For instance, if general subject of thermo-tlectricity would not be treated so much in detail as be the discussion were confined to the Peltier effect; but either subject would be perfectly suitable).

## CHEMISTRY—MINOR.

1. Show that if the law of constant proportions, and the law of reciprocal proportions (sometimes called the law of combining weights), did not hold good it would be impossible to fix on any numbers to represent standard quantities of the elements.
2. Assuming the possibility of using definite numbers for the elements show how that for bromine may be decided upon. (It may be assumed that the standard weights of any of the following are already known: potassium, chlorine, silver).
3. How is ozone produced? What are its chemical properties and industrial uses? What is its action on silver, on potassium iodide? What is meant by the equation

$$
\mathrm{O}+\mathrm{O}_{2}=\mathrm{O}_{3}-32,400 \mathrm{cal} ?
$$

4. Give a list of the compounds of chlorine and oxygen; and of colorine, hydrogen and oxygen; and describe in detail the preparation and properties of any one of them.
5. Give the main facts regarding fluorine and its compounds. How does its action on water differ from that of chlorine. (The answer to the last question shows that it is not strictly correct to say that water contains oxygen tho we usually do so).
6. Write a snort account of the elements of the helium or argon group.
7. Discuss the allotropic forms of phosphorus; Or discuss silicon and its compounds; Or boron and its compounds.
8. Discuss the group of elements to which magnesium, zinc, cadmium and mercury belong.
9. Describe any quantitative experiments you have done involving measuring of gases, showing clearly what it proved.
10. Describe any quantitative experiments you have done involving weigh ings of solids or gases, showing clearly what it proved.

## BIOLOGY-BOTANY.

it as Note:-Candidates writing Biology as a "Major" will omit A; those writing as a "Minor" will omit C.

## A.

1. Discuss the work of leaves.
ation." Sketch the history of the controversy regarding "spontaneous gener-
2. Annotate the following terms:-Heterospory, Mitosis, Auxospore,
Iy
3. What do you know of the structure, reproduction and economic imPortance of Diatoms.

## B.

1. Describe reproduction in Marchantia or in any species of moss which ation.
2. Describe reproduction in Batrachospermum or Polysiphonia.
3. Describe the structure and life history of (a) an ascomycete or (b) a rust or (c) a smut of economic importance.
4. Give a brief account of the symbiotic nitrogen-fixing bacteria of the soil and their relation to soil fertility.
5. Describe the vegetative structure and method of reproduction in Oedogonium or Spirogyra or Vaucheria.
6. Describe the Ragwort (Senecio Jacobaea) so that it might be recognized by one of limited botanical knowledge. Write a note on the economic importance of this plant and the method of dealing with it.
C.
7. Discuss the evolution of sex in the vegetable kingdom.
8. What essential differences exist between the Pteridophytes and Phanerogams? In how far has the gap been bridged over?
9. Describe the gametophytes in a typical Angiosperm.
10. Write briefly on the aims, methods and results of plant breeding.

## GEOLOGY-MINOR.

1. Give a short description of the geological action of the atmosphere both mechanical (e. g. dunes) and chemical.
2. Compare the action of streams in the upper part of their course or in formations geologically modern, and of rivers near their mouth, or of great geologis age.
3. Discuss the chemical action or the movement of underground water.
4. Discuss the movement of glaciers.
5. Give the characteristics of the deposits in shallow parts of the oceal describing how these characteristics are produced.
6. Give the characteristics of the deposits in the deep sea regions.
7. Write a short description of earthquakes.
8. Give a short account of theories of the origin of the earth.
9. Discuss the probable stages of the earth's history.
10. Describe any geological formation except the carboniferous, in Nova Scotia.
11. Discuss any minerals, or ores except coal, found in Nova Scotia (examples are the zeolites at Cape............... or the ores of manganese).
12. Draw from memory in conventional form a geologic section thru any part of Nova Scotia you choose. What do you know about the Geological Survey's mapping of the geological features of the Province?

## PASS LIST, 1916.

## 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
Principal and the instructions from The Education Department, are made by the Principal and the staff of each County Academy.]
Academy.
No. of Canadidates.
Annapolis
Passed.
Passed.
16
Antigonish ..... 64 ..... 7
Cape Breton ..... 6
137
137
Colchester
Colchester ..... 69 ..... 69
Cumberland ..... 98 ..... 98 ..... 39 ..... 39
Digby ..... 48
47
5 ..... 11

Guysboro.

Guysboro.
Hants
Hants ..... 14 ..... 14 ..... 4 ..... 4
Kings ..... 43 ..... 23
Pictenburg
Pictenburg ..... 18 ..... 18
${ }^{1}{ }^{1}$ ctou ..... $\begin{array}{r}21 \\ 52 \\ \hline\end{array}$ ..... $\begin{array}{r}21 \\ 52 \\ \hline\end{array}$ ..... 18 ..... 18
Queens. ..... 27 ..... 43
Vichmond
Vichmond
Victoria. 12 12 ..... 17
9 ..... 17
9
Yarmouth ..... ${ }_{2}$ ..... 31

## PASS LIST, 1916.

## The Candidates' names are not in order of merit.

## PROVINCIAL HIGH SCHOOL EXAMINATIONS.

The valuation of Canadiates' 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. 233. (2) Generally the "High School Pass" in all grades shall be an average of 50 per cent with no mark below 30 per cent on a group of six subjects 30 for Grades IX, X and XI; and a group of nine papers with no subject below XII. 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 percent. on an group of six subiects in Grade 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 ${ }^{2}$ "Teachers' Pass."
(4) Candidates may write on more than the six subjects or nine papers the 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 $\mathrm{t}^{\mathrm{W}}$ 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.
(l) Canadidates failing to make a 'Teachers' Pass in the grade applied for shall be ranked as making a Teachers' Pass in the grade next below, provided ${ }^{\text {n }}$ average of 50 per cent. be made with no subject below 30: (in case of two papers an arerage of 30) and as making a Teachers' Pass in the grade second below, pro vided an average of 40 per cent. be made.

A High School Pass of any grade ranks as a Teachers' Pass of the grade next below.

ADVOCATE-(18 candidates).
XI. (3 candidates).

Bertha Vivian MacAlecse
X. (7 candidates).

Elvic Leona Rector (X on XI).
Lizzie Catherine Morris
Warren Stanley Morris
IX. (8 candidates).

Elita Fay Suthergreen (IX on XI). Adella Dee Canning (IX on X).
Jessie Olive Slocum
Effa Arabell Milton
Dewis Walton Rector
Brenton Whetmore Milbury
Emma Alexia Ward
Unsuccessful (XI, 0; X, 4; IX, 3).

AMHERST-(140 candidates).
XII. ( 10 candidates).

Catherine Amelia Black
Gertrude Eva Doyle
Nettie Margaret MacKenzic
Lettie Myrtle Smith
Nellie Meta Wright
Charles David Jones
Hazel Gordon Morse
Laura Marion Harrison
Hilda Gladys McCaughey
Xl. (24 candidates).

Ross Logan Clarke
Jessie Cordelia Brownell
Lila Mereena Boss
Helen Beatrice Chapman
Evelyn Verlie Marie Chapman
William Eric Davison
Minetta Elliott Doyle
Inez Jennette Fillmore
Stella Eloise Freeman
Cleveland Johnson Fraser
Delia Rebecca Gilroy
Abbie Esther Lawrence
Ralph Austin Langille
Neita Olivia MacDowell
Albert Lauder Moore
I.illian Bell Ripley

Georgina Rebecca Ripley
Reginald Nelson Ripley
${ }_{\mathrm{C}}^{\mathrm{L}} \mathrm{zzie}$ Matilda Smith
George Marshall Sutherland
$\mathrm{R}^{\mathrm{R}} \mathrm{He}$ Trerice
Hazel Marguerite White

> X. (48 candidates).

Katherine Florence Dyas (X on XII).
Frank Leo Blanch (X on XII).
Lawson John Smith
Helen Elizabeth Pugsley
Uuth Bertha Smith
Ursula Direxic Smith
Rosa Edna Smith
Ganie Rebecca Smith
Grace Kathleen Brownell
${ }^{\text {Elsie May Bond }}$
Cheodore Brown
Lharlie Howard Cuthbertson
Ellen Crossman
Mary Loretta Driscoll
Dary Clarissa Etter
Jean ald Chesly Johnson
Dean Donovan Jones
Mary Dy Elizabeth Lowther
Qary Lillooet Lusby
Constaic Minnie McConnell
Gladystance Murray McLeod
Grace Estella Ogilive
Mollie Mae Ogilive
Margaret Margaret Ormond
garet Julia Ratchford

Isabel Lockhart Read
David Barss Rogers
George Arthur Selig
Elexis Thompson Shipley
Pearle Martha Trerice
Mary Eva Trueman
Jessie Kathryn Thompson
Charlotte Pearl Gray
James Albert McCarthy
Addison Hobart Peppard

> IX. (54 candidates).

Almira Ellen Wood (IX on XI).
Albert Everett Peacock (IX on XI).
Mary Elizabeth Doncaster (IX on X).
Flora Chapman (IX on X).
Evea Winnifred Smith
Myrtle Avis Smith
Edith Alice Francis Forrest
George Frederick Jackson
Harris Myron Davis
Clara Estella Carter
Ada Blanche Doncaster
Lily Oressa Lavers
Kathleen Roberta Atkinson
Lewis Bernard Black
Harold Aubrey Boyne
Grace Burgess
Nora Adelina Broughton
Hazel Elizabeth Carter
Bert Chapman
Charles George Colchester
Constance Cresswell
Arnold Bliss Carty
Annie Bernice Dennis
Harold Edmund Doyle
Ruby Pearl Edgett
Mary Minola Fillmore
Lawrence Edward Archibald Fraser
Gladys Susie Hunter
Irene Pearle Jollymore
Geraldine Elizabeth Moore
Richard Thorne McCully
Margaret Marilla McLellan
Erma B. Palmer
Torrey Estabrooks Purdy
Dwight James Rockwell
Laura Matilda Shipley
Emma Amelia Smith
Elda Mae Strong
Bernice Elizabeth Stecltz
Minnie White
Eilecn Bradshaw
Madeline Nicol
Eva Loretta Agnes McDonald
Gladys Mary Kane
Mary White
Hazel Edna Fitzpatrick
Dorothy Jean McLean
Donald Gordon MacGregor
Supplementary (4 candidates).
Unsuccessful (XII, 0; XI, 0; X, 13;
IX, 11).

## ANNAPOLIS-(73 candidates).

## XI. (19 candidates).

Dorothy Louise LeCain
Susan Evangeline Atlee Frances Marguerite Dargie
Margaret Beatrice Starr Parker
Doris Stewart Runciman
Harold Clifford Harnish

## X. (25 candidates).

Hattie Hilda Harnish (X on XI).
Ethel May Jefferson (X on XI).
Marion Louise Troop (X on XI).
Florence Wilhelmina Troop
Annie Teresa DeVany
Alice Myrtle Ramsey
Paul Cogswell Croscup
Roscoe Henry Calnek
Hazel Beryl Gilliatt
James Alton Collins
Howard Edward Reid
Ruth Castello Baxter

## IX. (27 candidates).

Doris Marguerite Pickup (IX on XI). Florence Hildred Bishop (IX on XI). Blanche Ombra Gibson (IX on XI). Olive Leigh Banks (IX on XI).
Myrtle Priscilla MacMichael(IX on XI)
LeRoy George Farnsworth (X on XI).
Zaidee Tremaine Horsfall (IX on XI).
Prescott James Littlewood (IX on XI).
Lucy Hall Longmire (IX on XI).
Susie Augusta Bent (IX on X).
George Richard Gallagher (IX on X).
Frederick Allen Wentzel (IX on X).
Ethel Christina Ruggles
Ira MacIntosh Jones
Helen Agnes Baxter
Miriam White Bancroft
William Henry Reeks
Arthur Gordon Banks
Victor Burnham Hardwick
Pauline Alice Harris
Robert Fletcher Reed
Edward Bruce Ritchie
Supplementary ( 2 candidates).
Unsuccessful (XI, 1; X, 13; IX, 17).
ANTIGONISH-(226 candidates).
XII. (15 candidates).

Mark Edward Murphy
John Ignatius McNeil
James John Ryan Hughes
Courtney Henry Foster
Angus Anthony Johnston
Gertrude Lillian Murphy
Margery McEachern

Mary Phoebe McNaughton
Anna Elizabeth MacDonald
Katherine Ann McPherson
XI. (53 candidates).

Almon McGillivary (XI on XII).
Bertha Ruth Kennarie (XI on XII).
John James Brown
Colin Francis McIsaac
Margaret Mary MacDonald
Leo O'Brien
Anna Teresa Stewart
Daniel Lauchlin McDonald
Alex. McDonald
Marion Seaman
Mary Gertrude McIsaac
Mary Grace McNaughton
Richard Valentine Bannon
John Archibald MacDougall
Peter McDonald
Lena Charlotte Harrington
Sarah Isabel MacNaughton
Mary Marjorie McDonald
Mary Forbes Anderson
Gertrude Sophia MacNeil
Annie MacEachern
Mary MacAdam
Margaret Elizabeth Lawler
Annie Isabel McNaughton
Mary McNeil
Mary Ann McNeil
Mary Ellen Walsh
Leila Randall Hurley
Mabel Christena Nichols
John Huntley Boyd
X. (67 candidates).

Daniel James Tompkins ( X on XII).
Helen Mary Atchison (X on XII).
Alice Eleanor Boyle (X on XII).
Roy George Inglis ( X on XI).
Joseph Angus McDougall (X on XI).
Edward Peck (X on XI).
William DeCosta ( X on XI).
Angus Stephen McKenzie (X on XI).
Alexander MacDonald (X on XI).
Roberta MacDonald (X on XI).
William Bernard McIsaac (X on XI).
Paul McNeil (X on XI).
Mary Patricia Chisholm (X on XI).
Mary Ann McNeil (X on XI).
James Arthur Forbes
Mary Alexandria Kerr
Marion Bond
Anna Somers
Etta Gertrude Brophy
Christena McFarlane
Anna Bell McDonald
Rita McNeil
Sylvester Power
Hugh Martin McDonald
Hugh Joseph Somers
George Joseph McLean
Sadie Josephine McGillivray

Jennie McNeil
Katherine Chisholm
Katherine Blanche Oliver
Mary Frances McGillivray
Mary Margaret Gillis
Sadie Annie Stewart
Annie Catherine Kennedy
Katherine Cecelia Inglis
Camille Keating
Margaret Isabelle McIsaac
Lillian Teresa Strahan
Cassie Jane Tate
${ }^{\text {Stizabeth Charlotte Henderson }}$
Stephen Xavier Baucher
Cecelia Chisholm
Gertrude Dunn
Mary Jane Fraser
Hugh Allan Fraser
Constance Ursula Webb
Michael Patrick DeCosta

> IX. (90 candidates).

Lillian Gertrude Stuart (IX on XI).
Marie Theresa Murphy (IX on XI).
Mary Alice Somers (IX on XI).
Norma Gilpin Millidge (IX on XI).
Mary Cecelia Donavan (IX on XI).
Marerick Gcorge Morley (IX on XI).
$\mathrm{E}_{\text {ric }}$ Robert MacGillivray (IX on XI).
${ }^{\text {Cric R Robert Henry (IX on XI). }}$
Catherine Kennedy (IX on XI).
Mary Irene Han Trainor (IX on XI).
Jessie Irene Hanrahan (IX on XI).
Jessie Arene Smith (IX on X).
Nassie Agnes McIsaac (IX on X).
Jennie Camaac (IX on X).
Marie Cameron (IX on X).
Angie Teresa McLean (IX on X).
Mary Ae McEachern (IX on X).
Milly Alexina Cameron (IX on X).
Mary Margaret Stewart (IX on X).
Annje Ellen Duggan (IX on X).
Sarah MacNeil (IX on X).
Jennette Clena MacInnes (IX on X).
Hilda O' Chisholm (IX on X).
Sadie O'Brien (IX on X).
ladie Hogan (IX on X).
Margaret Marie MacKenzie (IX on X).


Mary Catherine McMillan
Marion MacDonald
Margaret Katherine Beaton
John Dan McDonald
James H. Bonner
Angus Ronald MacDonald
Arthur Stanley Bonner
Agnes Towney
Bertha Lockman
Anna Hilda McPhee
Frances Meagher
Hugh MacPherson
Joseph Chisholm McLean
Sara Hughena MacDonald
Margaret Ida MacLean
Sophia Ruth McIsaac
Chrissie McDonald
Marion McNeil
Frances Gertrude Lee
Susan Dove Dewar
Elizabeth Sears
Ella Elizabeth Chisholm
Mary Isabel MacDonald
Margaret Agnes McLean
Supplementary ( 1 candidate).
Unsuccessful (XII, 0; XI, 3; X, 21; IX, 48).
ARICHAT-(60 candidates).

> XI. (5 candidates).

Rita Elizabeth Kyte
Mary Agnes McDonald
Aline Euphemia Boudreau
X. (17 candidates).

Helen Frances Bissett (X on XI).
Corinne Poirier (X on XI).
Mary Alfreda Poirier
Caroline Cecile Landry
Mary Ella Britten
Simon G. Poirier
Emma Marchant
Estelle Boudreau
Alma Mombourquette
Mary Louise Alberta Grimes
Regine LeBlanc
Marie Eleanor Porper
Margaret Mary Doyle
John Marcellin McDonald

## IX. (35 candidates).

Cecilie Marie Boutin (IXon X).
Arthur J. Boudreau
James Chapin Robertson
Ernest Arthur Charles Edwards
Anna Eugenia Robertson
Marguerite Boudreau
Ivy Edwards
Alice Emma Goodyear
Lottie Margaret Corrine Latimer

Dorothy Sybil Fiott
Mary Blanche Boudreau
Gertrude Vigneau
Marie Eugenie Lavandier
Caroline Jane Baccardox
Mary Juanita Poirier
Mary Stella McDonald
Mary Mealina Pertus
Mary Marcellina Pertus
Mary Ethel Samson
Alva A. P. Pertus
Supplementary ( 3 candidates).
I'nsuccessful (XI, 0; X, 4; IX, 16).

## BADDECK-(87 candidates).

XI. (19 candidates).

Anna Willard McNeil
Katherine Nicholson
Sadie Buchanan
Jessie Macrae
Margaret Elizabeth McLeod
Clara Ellenor Daye
Annie McIver
Ruth Lewis McLeod
Dan John Stewart
Roderick Donald McLean
Charles Bannongton MacAskill
Charles Oulton Moffatt
Herbert Kitchener McCharles
Roderick William Manuel

## X. (24 candidates).

Cecelia Frances Campbell (X on XI). Murray William McDonald (X on XI).
Ruth McLeod
Nellie Margaret Crowdis
John Malcolm McNeil
IX. (43 candidates).

Armenia Harrict Rice (IX on XI).
Rhoda Jessie McKenzie (IX on XI).
John Dan McPhee (IX on X).
Roderick Sanford McDonald (IX on X ).
Catherine Christene MacRae (IX on X ).
Ida Elizabeth Wright (IX on X).
Katherine Rhoda McRae (IX on X).
Jessic Anne McNeil (IX on X).
Henrietta Mary McIver (IX on X).
Alexander McLeod (IX on X).
Katherine Margaret Fraser
J. Douglas Haliburton Fraser

Charles Lauchlin Fraser
Anna Christine Mclver
Ruth Rebecca McRae
Mary Catherine Campbell
Dolena Christine McLeod
George Grant McDonald

Supplementary ( 1 candidate).
Unsuccessful (XI, 1; X, 13; IX, 35).
BARRINGTON-(37 candidates).
XI. (2 candidates).

Kathryn Pollard Wilson
Marguerite Snow
X. (19 candidates).

Annic Irma Nickerson
Annie Blacke Wilson
Jennie Leonora Hitchins
Herbert Henry Hopkins
Elsie Louise Reynolds
Francis Ethelwyn Reynolds
IX. ( 16 candidates).

Mary Eliza Snow (IX on X).
Margaret Myrtle Gibson (IX on X).
Annie Louise Kenney (IX on X). $\mathbf{X}$ ).
Ruth Josephine Hopkins (IX on X).
Mary Winnifred Banks (IX on X).
Fridena Gwendolyn MacKay (IX X ).
Elizabeth Mae Smith
Verna Isabelle Reynolds
Ziba Adele Nickerson
Norma May Hitchins
Marion Victoria Nickerson
James Cameron Kenney
Mary Amelia Forbes
Unsuccessful (XI, 0; X, 7; IX, 8).
BERWICK-(101 candidates).
XI. ( 20 candidates).

Elmer Keith Mahar
Winnifred Muriel Taylor
X. (31 candidates).

William Gordon Woollard ( X on $\mathrm{X} \mathfrak{l}$ ).
Muriel Ardeliece Shaw (X on XI) XI ).
Blanche Marie Beardsley ( X on X 1 ).
Dorothy Frances Alcorn ( $X$ on $X I$ ).
Bertha Grizilda McNeil (X on XI ).
Lula Grace Kinsman ( X on X ) XI ).
Lester James Marshall (X on ${ }^{\text {I }}$ (th
Hazel Frances Kinsman
Lytle Emelie Turner
Kathleen Abbie McConnell
Frances Elroy Calkin
Grace Bernham Calkin
May Olive Barkhouse
Jennie Maud Coleman
Erdeena Bernice Spinney
Mary Alberta Cresmer
Etta Maie Hale

Inez Maud Bryden
Edgar Clifford Bishop
IX. (48 candidates).

Jean Ethel Woollard (IX on XI).
Laura May Veinott (IX on XI).
Fennie Martha Gould (IX on XI).
Florence Cecelia Hale (IX on XI).
Richard Arthur Foote (IX on XI).
Burppie Earle Browne (IX on XI).
Melzora Udivella Sawler (IX on XI).
Lillian Alberta Marshall (IX on XI).
Margaret Olive MacNeill (IX on XI).
Marion Evelyn Hutchinson (IX on X).
Edna Marjoric Pineo (IX on X).
John Henry Webster (IX on X).
Mildred Lorena Wood (IX on X)
Marion Lois Banks
Marjorie Stanley Robbins
Helen Marjorie Adams
Mary Hazel Armstrong
Helen Rebecca Jocelyn Chute
Edith Lucy Belle Chute
Jean Blossom Dennison
Mary Agnes Gorman
Edna Clare Sanford
Thelma May Morse
Parne Barteaux Lulu Graves
Helen Greta Bowlby
Leota Jean White
Gadys Mary Coleman
C. Ruth Veinott

Helen Alexandria Pineo
Paul Morton Elliott
Clydia Mildred Sturk
Flora Somira Barkhouse
Pazel May Algee
Pauline Page Pineo
Eura May Bowlby
Eugene Floyd Smith
Gelen Louise White
Grace Sarah Woodworth
Supplementary ( 2 candidates).
$\mathrm{U}_{\mathrm{n}_{\text {ulcessful }}}$ (XI, 41; X,14; IX,23).
BEAR RIVER-(46 candidates).
XI. (8 candidates).
$E_{\text {da }}$ Gertrude Peck
X. (19 candidates).

Marion Mabel McClelland (X on XI).
Soretta May Croscup (X on XI).
Ethel Marguerite Hubley
Frances Pearle Campbell
Milton Carlton Frazee
Iqabelle Enola Simpson
Mildred Roberts Harris
Ethel Bernice Woodworth
Bernice Edith Rogers
Eva Mae Hubley

Voorheis Morse Ditmars John Lionel Roop
June Sophia Schmidt
Louise Lockwood Purdy

> IX. (19 candidates).

Hildred Alice Harris (IX on XI).
Hazel Goldie Harris (IX on Xj).
Ruth Frances Woodworth (IX on XI).
Winnifred Parker Chute (IX on $X$ ).
Viola Maxine Wright (IX on X)
Clara Miller (IX on X).
Ethel Fancy Purdy
Wilfred Vance Harris
May Irene Ruggles
Neva Viola Marsters
Florence Roselie Campbell
Winfred Margaret Louise Braine
Charles Harold Brinton
Della Alella McCormick
Kathryn Willoughby Purdy
Ira Manning Harris
Leslie Wilfred Sncll
Unsuccessful (XI, 2; X, 3; IX, 8).
BRIDGETOWN-(104 candidates)
XI. (28 candidates).

Donald Hector MacPherson
Ruth Emmelline Young
Mary Hester Young
Ida May Poole
Marian Jean Horten
Laura Gertrude Cameron
Mary Eileen Prince
Gerald G. Palfrey
Wylie Ethel Poole
Reginald Arnold Salter
Edgar Stanley Bishop
Ewart Churchill Longley
Claude LeRoy Gillis
Percy Collins Kempton
Max Piggott
Loren Lee Crowe
X. (38 candidates).

Ruth Rockwell Fowler (X on XI).
Laura Idaline Bowlby (X on XI).
Marion Isabella Whitman ( X on XI ).
Wylie Hanmer Stronach (X on XI).
Muriel Bernice Phinney (X on XI).
Steward Gordon Boland
Robie LeRoy Palmer
Ruperta Kathleen Bent
Muriel Evelyn Elliott
Marion Helen Kempton
Myon Okman Brinton
Harry Eugene Balcom
Beulah Maria Steadman
Leana Beatrice Foster
Dorothea Edna Price.
Jean Blackwood Palfrey

Gerald Messenger Hayt<br>Reita Constance Abbott<br>Annie Edith Goodwin<br>Maria Elizabeth Victoria Bailey<br>Kathryn Cameron Fraser<br>Vera May Hudson

## IX. (38 candidates).

Vera Frances Longley (IX on XI).
Wilford Stanley Brooke (IX on XI)
Caroline Beatrice Pike (IX on XI)
Pearl Marjorie Bishop (IX on XI).
Grace: Muriel Ricketson (IX on XI).
Annie Jane Ricketson (IX on XI).
Harold Borden Fraser (IX on X).
Edna Lavina Foster (IX on X).
Brinton Hall (IX on X).
Pearl Marie Cole
Ethel Leona Wallace
Etnel May Shaffner
Hazel Josephine Freeman
Eva Ruth Jackson
Gordon Charlton
Alfred Carroll Charlton
Abner Freeman Pninney
John Churchill Hall, Jr.
Anthony Borden Banks
Marion Bishop Morgan
Caroline Isabel Horton
Jemina Ann Beardsley
Marion Esther Bishop
Charlotte Winnifred Bowlby
Leila Bernice Poole
Lillian Marie Whitman
Lillian Belle McGowan
Goldie Doris Taylor
John Walter Ricketson
Unsuccessful (XI, 1; X, 18; IX, 18).
BRIDGEWATER-(126 candidates).

## XI. (27 candidates).

Max Leo Baker
Mary Emma Mailman
Myrtle Evelyn Clattenberg
Evelena Rebecca Robar
X. (46 candidates).

Dorothy Rebecca Cook (X on XI).
Florence Hyacinth Jefferson (X on XI).
Bernice Beatrice Simpson (X on XI).
Viola Mary Mulock (X on XI).
Grace Aileen Cook.
Helen Margaret Wentzell
Cora Alexandra Wile
Elsie Blanche Rober
Daisy Mae Hirtle
Ruth Augusta Bolivar
Eva Blanche Crouse
Louise Mildred Baker
Roby Sanford Crandall
Alma Maud Covey

Edna Adelia Oikle
Sadie Beatrice Crouse
Larier Stewart Sarty
Emma Cecelia Thompson
Victoria Princess Turner
IX. (50 candidates).

William Evans Jefferson (IX on XI).
Ethel Peninnah Hebb (IX on XI).
Laura Waterman MacLean (IX on XI).
Ralph Roland Harlow (IX on XI).
Minnie Eugenia DeLong (IX on XI).
Gladys Hilda Zwicker (IX on XI).
Florence Jane Zwicker (IX on XI).
Ralph Newton Stuart (IX on X).
Kathryn Mary Ford (IX on X).
Wilbert Stephen Rhodenizer (IX on X).
Charles Bell (IX on X).
John Edwin Mosher (IX on X).
Benedicta Stella Allaby (IX on X).
Jennie May Butler (IX on X).
Geraldine Margaret Mary Kelly.
Jennie Marie Dulhanty.
Hilda Getson Zwicker.
William Bowman Herman
William Allon Whyte
Arthur Judson Waterman
Hazel Eleanor March
Ray Milton Mosher
Muriel Mildred Richards
Ethel Lee Chesley
Irving John Melvin
Pearl Marguerite Rafuse
Ruby Adavilla Rafuse
Roxie Mabel Wile
Hazel Genena Sperry
Grace Marie Wentzell
Alice Elizabetn Hirtle
Flossie Everette Wynot
Sarah Geneva Weinacht
Jennie Lee Wentzcll
Lois Janetta Verna Wagner
Jennie Muricl Durling
Lottic Edna Jodrey
Inez Eliza Varner
Hazel Wehlman Croft
Norman Fralic
Jean Rosa Miller
Helena Marie Rafuse.
Supplementary (3 candidates).
Unsuccessful (XI, 11; X, 22; IX, 22).
CALEDONIA-(40 candidates).
XI. (2 candidates).

Edna Douglas Packer.
X. ( 18 candidates).

Louisa Mabel Naas (X on XI).
Edith Irene Freeman.
Dorothy Francis Rathburn

Muriel DelPlaine Parker
Hattie Sophie Kempton
Helena Kathen McLeod
Viola Alice Nelson
Roxanna Randall Smith
Dorothy Inez Smith
Gladys Mabel Rogers
Audrey Helena DeLong
Lois Jean Baker
Hazel Viola Harvey
Harold Pearlie Harvey

> IX. (20 candidates).

Bessie Bell Ramey (IX on X).
Annie Mae Parker
Ruby Marie Patterson
Mabel Lillian Freeman
Vera Rowena DeLong
Ceciod Allison Dukeshire
Cecil Lawrence Freeman
Bernice Mae Crouse
Muriel Mary Silver
Walter Elton Harlow
Naomi Beatrice Chute
Sadian Mae Baxter
Sadie Evelyn Corkum
Edyth Carder Waterman
Edythe Linden Harvey
Supplementary (2 candidates).
$U_{n_{\text {successful }}(X, 2 ; I X, 6)}$.
CANNING-(48 candidates).
XI. (8 candidates).

Mary Estelle Sheffield
Margaret Eunice Rand
Kargaret Jean MacQuarrie
Bertha Rurden Rand
ertha Ruth Jackson

## X. (23 candidates).

Kathleen Louise Eaton
Ruby Viola Newcom
Victor Ells North
Alice May Robinson
Margaret Adelia Wea
Clargaret Adelia Weaver
Gladys Esther Ells
Susie Margu Newcombe
Harriet Aarguaritta Burns
Ethel Marelia Rand
Vera Marguerite Parker
Mary Mildred Cox
Evangelingaret Robinson
Dorgeline Bernice Power
everdy Rand
Adelbert James Prosser
IX. ( 16 candidates).
$\mathrm{M}_{\mathrm{M}}^{\mathrm{Marga}}$
garet Eugene Forsythe (IX on XI).
Evelyn Graves (IX on XI).

Freeman Eaton
Alice Maria Northup
Ruby Beatrice Eaton
Josephine Elizabeth Harris
George Henry Blenkhorn
Mabel Elizabeth Schlegel
Marjorie Mavourneen Strong
Beatrice Edna Meadows
Queenie Victoria Hubbard
Arabella Annie Hubbard
Supplementary (1 candidate).
Unsuccessful (X, 8; IX, 6).
CANSO-(48 candidates).
XI. (4 candidates).
X. (22 candidates).

Margaret Claire Feltruate ( X on XI ).
Frances Mary O'Hara (X on XI).
Eva Katherine Fogarty ( X on XI ).
Jessie Mary Lukeman
Ellen Gertrude Cameron
Cora Ardella Horton
Emily Evans Hambling
Lois Ada Hart
Francis Evelyn Cohoon
Lena Myrtle Munroe
Lillian May Horton
Muriel Esther Horton
Evelyn Mary Burns
Elsie Ethel Whitman Hart
Helen MacGregor Braine
Jessie Annie Mosher
Emmet Mathew Walsh
Marjorie Anna McMasters
Winifred Clarissa Munroe
IX. (22 candidates).

Sadie Isabel McIsaac (IX on XI).
George William McKenzie
Mildred Faustina Swaine
Blanche Henrietta Horton
Annie Lawrie Swaine
Aileen Florence O'Donaghue
Dorothy Elizabeth Munroe
Alverta Iona Burns
Albert Nelson Howard Hart
Leland Ferdinand Robinson
Margaret Elizabeth Cowie
James Fraser McIsaac
Edith Rosetta Powell
Evelyn Beatrice Munroe
Unsuccessful (X, 6; IX, 9).
CHESTER-(94 candidates).
XI. (19 candidates).

Hazel Lucille Mitchell
William Clements Zinck

Jessie Marie Hume
Harry Austin Webber
Carmen Dorothy Eisner
Nicola Gertrude Barry
Jean Hazel Rafuse
Minna Gertrude Boylan
Ruby Florence Corkum
X. (36 candidates).

Franklyn Roy Nauss (X on XI).
Pearl Laurena Conrod (X on XI). Mabel Ruth Whitford (X on XI). Bessie Pauline Hume ( X on XI ). Ruby Sophia Evans ( X on XI ).
Claudine Grace Etter ( X on XI ).
Nina Selby Meister ( $X$ on $X I$ ).
Frances Iva Evans ( $X$ on XI),
Ora Geraldine Boehner ( X on XI).
Ethel Gertrude Webber
Edna Bernice Zinck
Katherine Sybil Mitchell
Mary Marguerietta Webber
Arthur Le Roy Bezanson
Nellie Freelove Stevens
Mary Eliza Skerry
Ruey Kathleen Barkhouse
Owen Lewis Croft
Durling Delbert Hatt
Theora Chester Corkum
Ruth Irene Wynacht
Gladys Rebecca Publicover
Pearl Violet Jessie Publicover
Vera Louise Young
Zelina Teletta Young
Evangeline Gladys Stevens
Maud Olive Langille
Florence Natilda Barkhouse.
1X. (39 candidates).
Margaret Evans Robinson (IX on XI).
Maisie Christie Fredea (IX on X).
Blanche Elizabeth Butler (IX on X).
Clifford Alton Rafuse (IX on X).
Thelma Grace Oxner (IX on X).
Muriel Laura Oxner (IX on X).
Carrie May Gates (IX on X).
Lincoln Martin Zinck
Keith George Mitchell
Wallace Bernard Cleveland
Lillian Grace Stevens
John William Cole
Mary Florence Walsh
Gertrude Evelyn Nills
Frances Veronica Boylan
Marguand Garnet Larder
Aubrey Howard Rafuse
Rena Muriel Croft
Eugenie Frances Oxner
Genevieve Ceba Corkum
Georgie Elma Brown
Gwen Flora Publicover
Marion Irene Publicover
Hazel Viola Sawler
Bernice Sarah Eisner

Clara Rosella Slauenwhite
Willie Garfield Young
Ella Adelaide Russell
Hilda Pearle Coolen
Wilma May Covey
Oliver Percy Coolen
Ruth Irene Hennigar
Virginia Veda Countway
Ethel Victoria Hiltz
Insuccessful (XI, 0; X, 11; IX, 12).
(HETICAMP-(17 candidates).
XI. (1 candidate).

Anselm Aucoin
X. (8 candidates).

Joseph David Aucoin
John William Cormier
Annie E. Mackinnon
IX. (8 candidates).

Paul Cormier (IX on X).
Lucy Agnes LeBlanc (1X on X).
Douglas MacDonald
William Ivan MacDonald
William Charles Boudeau
Cyril Joseph Maclellan
Timothe Deveaux
Unsuccessful (XI, 0; X, 3; IX, 3).
CHURCH POINT-(48 candidates).
XI. (8 candidates)

Elizabeth LeBlanc
Laura Hilda Hogan
X. (25 candidates).

Margaret Ferguson Journey
Mary Lucy Melanson
Therese Mary LeBlanc
Mary Rose Doucette
Emilienne Mary Babin
Lena Rose Doucet
Mary Burnadette Stuart
Mary Bernice Alfreda Amirault
Mary Madeline Corneau
Margaret Blanche Oliver
Donald Alexander Killam
IX. ( 15 candidates).

Rose Anne Belliveau (IX on $X I$ ).
Marion Ethel Oliver (IX on XI) $\dot{\text { Ar }}$ on
Artemise Mary d'Entremont (IX of XI).

Mattie D'Entremont (IX on XI). XI).
Camilla Colette Belliveau (IX on XI). Daisy Eleanor Journeay (IX on

Mildred Gertrude Condon (IX on X).
Mary Eulalie LcBlanc (IX on X).
Rita Anna Maillet (IX on X).
Florence Matilda Melanson (IX on X).
Marie Alix Comeau (IX on X).
Evelyn Sauliner (IX on X).
Mary Marguerite LcBlanc
Edward Joseph Comeau
Juliette Marie LeBlanc
Bernard Joseph LeBlanc
Marie Azelle Comeau
Jessie FitzGerald
Mary Catherine Doucet
Mary Lucia Belliveau
Unsuccessful (XI, 0; X, 8; IX, 7).

DIGBY-(52 candidates).
XII. ( 1 candidate).

Delma Snow
XI. (11 candidates).

Pearle Mae Vidito
Sadie Rebecca MacNeill
Lennie May MacNeill
Hubert Vernon Trevoy
${ }_{\mathrm{M}}^{\mathrm{L}} \mathrm{L}$ wrence Soulise Cossitt
Mary Bell Marshall
X. (18 candidates).

Evelyn Dora Trevoy (X on XI).
Relen Bliss Robbins (X on XI).
Ruth Margaret Hogg (X on XI).
Amy Almira Cossaboom ( X on XI ).
Jessie Muriel Lamberton
Westley Rice Kinney
Gladys Ewart Morehouse
Evelinald Lester Shaw
Evelyn Gladys Snow
John Wightman
Edna Irene Marshall
Edyth Emma Adams
Edyth Harriet Burnham
IX. (22 candidates).

Norma Hazel Morehouse (IX on XI).
Ralph Dobson Morehouse (IX on X).
Thomas Caleb Gibloons
Cedric Robertson
Roy Handford Westcott
Ancel Louise Morehouse
Willi Solomon Dakin
Evelyn Palmer Morehouse
$V_{i d a}$ elyn Beatrice Titus
$\mathrm{D}_{\text {aisey }}$ Marion Hubley
$\mathrm{E}_{\text {I }}$ sie M Hope Emery
Fredericargaret Robertson
5 Augusta Steadman

Loran Abner Hayden
Eva Cora Chute
John Patrick Walsh
Muriel Clara Turner
Unsuccessful (X, 6; IX, 9).

EAST RIVER ST. MARY'S (11 candidates).
X. (4 candidates).

Jean Mary Cameron
IX. (7 candidates).

Douglas Archibald (IX on X).
Elizabeth Christina Gunn
Jennie Agnes Cameron
Unsuccessful (X, 2; IX, 5).

FREEPORT-(37 candidates).

> XI. (10 candidates)

William Acey Smith
Samuel Emerson Thurber
Douglas Delisle Lent
Sadie Gwendolyn Stevens
Freda Mae Titus
Mary Etta Ringer
X. (8 candidates).

Velma Una Shortliffe ( X on XI).
Maud Evelyn Morrel (X on XI).
Zeline Gladys Outhouse
Frederick Robert Titus
Nellie Havey DeLancy
Annic Mae Thurber
Edwin Howe Crocker

## IX. (19 candidates).

Eva Stewart Hicks (IX on XI).
Frank Sargent Finigan (IX on XI).
Beulah Blanche Carty
Lyndon Bertrand Collins
Baden Robert Powell
Fannie Brown Barkhouse
Charles Lamont Kinsman
Sadie Estelle Lent
Dwight Colin Finigan
Mary Elizabeth Ring
Marie Antoinette Thurber
Daisy Alberta Moore
Richard Alford Whitman
Willard Chipman Thurber

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

GREAT VILLAGE-(102 candidates).
XII-(1 candidate).
XI. (23 candidates).

Marion Fraser Williams
Anna Cameron Starritt
Erma Elizabeth Geddes
Eva Dell McCulloch
Martha Morrison Peppard
Lloyd Fulton Geddes
Marjorie Florence Bulmer
Sarah May Bulmer
Elsie Gladys Corbett
Jessie Blair Wyllie
Mary Edith Smith
Margaret Marie Chisholm
Isabella Steele Blaikie
Adella Lottie Perrot
Mildred Amelia Creelman
X. (28 candidates).

Leta Cox (X on XII).
Katie May Mckinnon (X on XI).
Alberta Maude Fletcher (X on XI).
Mattie Ellen Fleming (X on XI).
Tom Robin MacLachlan
William Leslie DeLay
Velma Muriel Doyle
Rachel Elizabeth Cooke
Rose Loleta McNutt
Alice Romaine Slack
Greta Elizabeth McNutt
Mamie Alma Robinson
Margaret Blair Fulmore
Edith Gertrude Harrington
Alice Elizabeth Soley
Dora Vance
Roydon Simpson Cass
Howard Russell Lynds
Ida Mae Hattie
Elsie Mac Tabor
IX. (49 candidates).

Mary Muriel Cottam (IX on XI).
Elizabeth Jean Hegan (IX on XI).
Janie Rebecca Rutherford (IX on XI).
Margaret Esther Bonnell (IX on X).
Lilian Amelia Lindsay (IX on X).
Irene Helen Cottam (IX on X).
Beatrice Maric Fulmore (IX on X).
Marguerite Graham McColough (IX on X).
Reginald Walter Reid (IX on X).
Hattie Belle Elliott
Annic Gladys Creelman
Minnetta Crowe
John McKillican Simpson
Ashby Cecil Soley
Harold Adrian McLellan
Clarence Elmore Elliott
Lois Teresa Vance
Beatrice Jane Vance

Agnes Margaret McKinnon
Lister Roy Henderson
Leta Adeline Faulkner
Dora Grace Elliott
Margaret Ellen Neil
Ida Mary Solomon
Ethel Cecelia Lee
George Boland Perrot
Walter Collier Delany
Alice May Skerry
Bella Cooper
Emma Janet Thompson
Mary Helena Bowers
Mary Anne Layton
Serena Agnes Cummings
Pearl Christina Davison
Natalie Ruth Blaikic
Fannie Elizabeth McElhinney
Margaret Isabelle Cottam
Harold Newcombe Layton
George Percival Graham
Russel Johnson
Lillian Elizabeth Blaikie
Bert Peers Dill
Arthur Franklin Berry
James McLean Kent
Mabel Jean Berry
Supplementary ( 1 candidate).
Unsuccessful XII, 0 XI, 2; X, 5; IX, 13).
GLACE BAY-(251 candidates).

## XII. (13 candidates).

Harold Cowan Morton Gordon
Arthur Green
Mary Katherine Stewart
James Clifford Boyd
Isadore Levine
Wilbert Henry Spencer
Annic Grace McKenzie
Mary Elizabeth Gillis.

## XI. (45 candidates).

Annie Holmes Phillips (XI on XII).
Mary Anderson (XI on XII).
Henry Spencer Dickson (XI on XII).
Marjorie McMahon
Herbert Kitchener MacKenzie
Muriel Sarah MacKenzie
Cecil Claude Ogilvie
James Leo Chisholm
Lewis Robert MacArel
Mary Sarah McDonald
Solomon Magonet
David Campbell McArel
Arthur Ross Hall
Michael Francis McNeil
Agatha Pendergast
Margaret McSween McLeod
Annie Elizabeth Morrison
Katie Martin

Laura May Boutilier
Christine O'Keefe
Joseph Samuel Brody
Mary
Mary McNeil

> X. (87 candidates).

Bruce Corbett Archibald (X on XII).
Mary Lillian Driscoll (X on XII).
Stanley Robert Wadden (X on XI).
Natalie Stewart Manson (X on XI).
Marion Dimse Bell (X on XI).
Margaret Clara MacLeod (X on XI).
Thomerine MacDonald (X on XI).
Whomas Addison Roach (X on XI).
Warren Haliburton Peters (X on XI).
Jessie Joseph Campbell (X on XI).
Ussie McDonald (X on XI).
Eulia McIntosh (X on XI).
Joh Gouthro (X on XI).
John Robert Blue
John Abraham Chiasson
Joseph Frances Curry
Oseph McInnis
$\mathrm{D}_{\text {anj }}$ O'Keefe.
Cordon McKeigan
EII ${ }^{\text {Gon Blon Scott Martell }}$
$\mathrm{D}_{\text {ora }}$ Blanche Harris
Michael Les Spencer
Allan Vicaniel McKenzie
Mildred Micar McCuish
Johndred MacDonald
Joseph Mhew
Will Michael
Curtiom Ein
Rurtis Henry Hillier
Marion Helena MacKenzie
$\mathrm{D}_{\text {aniel }}$ Helena Spencer
Georgina Ancis Roberts
Da May MacLeod
Ellathy Beulah Prince
Monica Nance McMahon
Bertha Nearing
Ethel Gillis
Ada Marguerite Young
$M_{\text {dar }}$ Attwood
Mary Catherine Campbell
Alice caret MacDonald
Constantherine Boone
Anntance Edna Wells
Leonie Sophia MacNeil
Elizabethdhea
Arne Pendersween
Annie Pendergast
Mary Ketherine McDonald
Ana Gane McDonald
Mary Camude Currie
dizabeth cambell
$M_{\text {ary }}$ Beth Walsh
aura Beatrice Langwith
sabel Gouthro
lary E MacDonald
McNeil
Farrell

Alexander Matheson McLeod
Joseph Gabriel McNeil
Patrick Allan Gillis
Howard MacLennan
Eva May Howie
Alexis McDonald

## IX. (106 candidates).

Sarah Ann McDonald (IX on XI).
Florence Olive York (IX on XI).
Katherine Mary MacSween(IX on XI).
Matthew Dewey McKenzie(IX on XI).
Isabelle MacNaughton (IX on XI).
Mary Josephine McDonald (IX on XI).
Mary Elizabeth Campbell (IX on XI).
Annie Jane MacLean (IX on XI).
Michael McGillivray (IX on XI).
Annie Genevieve McNeil (IX on XI).
Catherine Chisholm (IX on XI).
Veronica Gouthro (IX on XI).
Minnie Agnes McLennan (IX on XI).
Hugh Neil McKinnon (IX on X ).
Lavinia McKenzie (IX on X).
Olive Beatrice Spencer (IX on X ).
Abraham Medjuch (IX on X).
George McKenzie (IX on X).
Edward Paisley McArel (IX on X).
Donald Bennet McPherson (IX on X).
Arnold Prowse (IX on X).
Florence Helena Boutilier (IX on X).
Marion Kerr (IX on X).
Katherine MacDonald (IX on X).
Dora Edna Pesch (IX on X).
Catherine Florence Morrison (IX on X).
Mary MacIntyre (IX on X).
Annie McLeod Maxwell (IX on X).
Margaret McNeil (IX on X).
Mary Florence McDonald (IX on X).
Susan Prendergast (IX on X).
Mary McIntrye (IX on X).
James Cathcart (IX on X).
Catherine Mary Chiasson
Catherine Isabelle Sampson
Edna Marie McNeil
Winnifred Mann
Elizabeth McSween
Dollie Beaton
Margaret Isabel Boone
Sadie McDonald
Frederick Robson Mitchell
Henry Robert Mitchell
Mary Farrell
Stephen McDonald
Lottie Ein
Mary Cohen
Mabel Ross
Alice Merrill
Ida Gold
Josephine Marie Blanik
Greta Bert
Helen Headland Miller
Elsie Irmgard Roth
Marjorie Jean Archibald
Mabel Margaret Morrison
Cassie Elizabeth Fortune

Arthur Stephen Hallet
Louis Green
William Claude McGillivary
Eddie John Gollivan
Alexander Ernest McDonald
Bernard Raphael McKinnon
William MaLellan Ross
Anna Dolong
Alice Elizabeth McGillivary
John Malcolm Shank
Roddie MacIntyre
Joseph Howard O'Handley
Malcolm James McNeil
Russell Frances McPhee
Dan McCush
Rudolf John Haase
Daniel Joseph O'Connell
Mabel Helena Casey.
Effie Margaret Morrison
Margaret Christina MacVicar
Victoria Catherine McKinnon
Eva MacKeigan
Mary Ann McKinnon
Rosie Cohen
Annie Cecilia Gouthro
Mary McKinnon
Gertrude McKinnon
May McDonald
Annie May Finlayson
Margaret McEachern
Annie Cecelia McNeil
Margaret Chisholm
Mary Ann Jamieson
Edith Mildred Morrison
John William Roach
Edward Crosby
Lenora Ruth Spencer
John Joseph McAskill
Sarah Rosenblum
Sarah Levine
Eva Rebecca Fine
Phoebe Georgina Day
Dora Magonet
Eunice Borden
Florence Irene Vey
Verenna Elsie Boyd
Muriel Abigail Wilson
Annie Laura MacKenzie
Elizabeth Ann MacQuarrie
Margaret Boutilier
Susannah Margaret Verner
Unsuccessful (XII, 0; XI, 1; X, 16; IX, 81).

GUYSBOROUGH-(40 candidates).

## XI. (8 candidates).

Susie Laetitia Giffin
Evelyn Marguerite Rudderham
Ferry Louis Thibeau
Lillian Belle Hewitt
Alvenia Silver
X. (14 candidates).

Eva Martha Scott (X on XI).
John Forhan Smith (X on XI).
Marjorie Gordon Worth
Arthur Max Atkins
Abbie Victoria Jenkins
Winifred Hudson
Edith Rebecca Hart
Emma Florence Sangster
Charles Wilfred Ehler
IX. ( 18 candidates).

Augusta Mildred Hendsbee (IX on $\mathbf{X}$ ).
Isabel Grant (IX on X).
Leslie Martin Howard
Stewart Carleton Fulton
Arthur James Foster
Robert William Scott
Douglas Adelbert Hendsbee
Ina Annie Hudson
Cordelia Hudson
Laura Augusta Callahan
Josephine Kelley
Unsuccessful (XI, 1; X, 5; IX, ${ }^{9}$ ).
HALIFAX-(392 candidates).
XII. (24 candidates).

Jean Katherine Grace Dunlop
Lusetta Evangeline Ferguson
Margaret Jerrine Gleeson
Horace Vivian Darrell Laing
Frances Elizabeth Lewis
James Geoffrey Marshall
Cyril William Mitchell
Albert Edward MacDonald
Victoria Allen Wambolt
Irene Evelyn Warner
Mary Alice Wynne
XI. (69 candidates).

Jean MacDonald (XI on XII).
Christopher John Acker
John Adamson
Beatrice Emily Allum
Jean Charlotte Annand
Ruth Archibald Bayer
Margaret Dorothy Bennett
Karl Clifford MacDonald
Ethel Freda Smith Bissett
Sterling Elliot Campbell
Anna St Clair Creighton
Dorothy Day
Hilda Fordham Douglas
Ethel Isabel Dove
Christina Mary Duggan
Mary Nina Faulkner
Nora Isabel Flowers
Roberta McKenzie Forbes
Ruth Newfield Glasel

Mabel Winifred Guy
Alice Eaton Hunter
Mary Frances Kennedy
Arthur Middlemas Marshall
Helen May Mahoney
David Ross McDonald
Gladys Grace McDonald
Henry Darroch MacGillivray
Mona Dorothy MacDonald
Lottie Etta Otto
Kathleen Guy O'Brien
Margaret Chisholm O'Brien
Margaret Genevive O'Connor
Mary Susanah Power
Mary Margaret Agnes Saxton
Anna Grace Smith
Dorothy Elizabeth Sterns
Clyde Ansley Thomson
Dorothy Townsend
Loseph Howe Townsend
Louise Frances Weldon
Hazel Mae White
Helen Geneva Wilks
Mary
Mary Theresa Agnes Cahill
X. (139 candidates).
$\mathrm{Margaret}^{\text {Darron (X on XII). }}$
Dorothy Edna Distant (X on XII).
Teresa Codie (X on XII).
Lexander Donald Forsyth (X on XII).
Ruth May Gilroy (X on XII).
Mona Kathleen Huggins (X on XII).
Jessie Thompson (X on XII).
John Lenore Lawrence ( X on XII).
$Z_{0 l a}{ }^{2}$ Hunter Davison (X on XI).
Ira Ivanhoe Groneau (X on XI).
An Harriet Innis (X on XI).
Fredericharlotte Lee (X on XI).
Ernerick Read Messervey (X on XI).
$D_{0}$ nest Carrie Pace (X on XI).
Donathy Caroline Rafuse (X on XI).
May Ir Franklyn Maurer (X on XI).
Agnes G a Webber (X on XI).
$V_{\text {era }}^{\text {nes }}$ Gerine Harmon (X on XI).
Mari Anetta Hawkins (X on XI).
Lester Huth Dalhousie Armitage
Grace Harding Dimock Blakeney
Flace Hilda Borgle
Muriel Isabel Brunt
Mary Eileora Blois
Clary Eileen Burns
Ralph
Rossh James Campbell
Mabel Scartell Carson
Edna Scott Clarke
Marjorie Jean Conrod
Fredorie Helen Crayden
Helen Mabel Creighton
Konneth Marjorie Creighton
Enry Chatherland Clark
Evary Charles Carreau
Daisy Grace Corkum
james Sarah Olive Crowell
Jean ${ }^{\text {a }}$ Forrester Davison
L Mary DeWolfe

Ida Elizabeth Dunlop
Ian Keith Forsyth
Marion Louise Forsyth
Timothy Fougere
Marjorie Louise Gibson
Bertha Elizabeth Garrison
Vyvian Mary Hardy
Clyde Vinecove Harris
Dorothy Harris
Ralph Joseph Harris
James Arthur Harrison
Bessie Mosher Haystead
Alyse Thelma Henry
William Gordon Henry
Edna Marguerite Hillis
Charles Brenton Huggins
William Robert Homans
Alvria Beatrice Keddy
Mary Frances Kuhn
Margaret Willis Littler
Violet Lillian Lovett
Victor Owen Mader
Clyde Slocumb Marshall
George MacGregor Mitchell
Silvanus Archibald Morton
Josephine Martin
Alice Elizabeth Miller
Evelyn Bell McLaughlin
Ruth Jean McDonald
Myra Susan McGregor
Alastair George MacKinnon
Cecil Butler MacLaren
Margaret Mary McAvoy
Hazel McLachlan
William MacKintosh McCurdy
Iris Florence Nye
Esther Lillian Neary
Charlotte Ferus Oxley
Kathleen Ruth O'Regan
Doris Marjorie Parker
Eva Bernice Power
Enid Viola Richardson
Robert Jamieson Schwartz
Isabel Murray Shaw
Laura Edna Skinner
Wilson Gesner Stapleton
Lawrence Sterns
Gertrude May Stredder
Mary Shea
Joan VanBuskirk
Edith Katherine Weldon
Lillian Jane Weldon
Cheevy Tillinghast Wilson
Katherine Christina Woodworth
Hazel Lloy
Mary Margaret Mantie
Kathleen Rose Anderson

## IX. (158 candidates).

William Christian Acker (IX on XI).
Muriel Lena Appleby (IX on XI).
Marion Morse Harley (IX on XI).
Georgina Crosby Jost (IX on XI).
Mary Adele Martin (IX on XI).
Mary Emily Mitchell (IX on XI).

Anna Eugene Haycroft Morris (IX on XI).

James Wallace MacDonald (IX on XI).
Trueman Forbes Rhude (IX on XI).
Eunice Chipman Smith (IX on XI).
Olive Muriel Walker (IX on XI).
Winifred Edna Leary (IX on XI).
Rita Kathleen Ackhurst (IX on X).
Avon Saxon Artz (IX on X).
Jean Jefferson Barnstead (IX on X).
Frank MacKay Blackett (IX on X).
Dorothy Gladstone Blackney (IX on X).
Emily Ruth Boutilier (IX on X).
Edna Frances Brown (IX on X ).
Grace Marguerite Baker (IX on X).
Gladys Florence Colquhoun (IX on X).
Marguerite Elizabeth Crump (IX on X).

Luise Tupper Custance ( IX on X ).
Vera Jean Roberts Fraser (IX on X).
Jennie Lonise Gillingham (IX on X).
Hilda Gertrude Panline Holloway (IX on X).
Florence Jean Holmes (IX on X).
Benjamin Allison Marshall (IX on X).
John Stephen Maynard (IX on X).
Alice Maud Mary Miller (IX on X).
Muriel Gertrude Moreash (IX on X).
Dorothy Jean MacDonald (IX on X).
Albert Edward Nichols (IX on X).
Agnes Louise Sievert (IX on X).
Ella Rebecca Siteman (IX on X).
Marjorie Dorotheia Spares (IX on X).
Hazell Alice Thompson (IX on X).
Frederick Hudson Dunsier Tremain (IX on X).
Michael Thomas Gerald Punch (IX on $\mathrm{X})$.
William Edmund Fultz (IX on X).
Elisie Marie Doyle (IX on X).
Edward Foster Abraham
Ethel Christina Archard
Isabel Baird
Helen May Beck
Ethel Marjorie Bent
Evelyn Brown
Frances Sylvia Brown
Mary Florence Brown
Richard Ferguson Callon
Annette Kathleen Cluney
William Gerald Colwell
Frederick Dawson Congdon
Lydia Irene Conrad
Hazel Lillian Conrod
Rutherford Conrod
William Patrick Conway
Arthur Milton Crowell
William Dermot DeWitt
Harriet Anna Doohan
James Gordon Douglas
Augusta Gertrude Dove
Albert Gordon Downey
Robert Randolph Ellsworth
Helen Marjorie Englefield
Rita Lavina Faulkner
Cecil Fraser

John Douglas Fraser
Gertrude Louisa Gaetz
Harold Leonard Gibbons
Jessie Albro Gibson
Muriel Florence Gibson
Winifred Mae Gibson
Hazel Cameron Gould
Muriel Alice Grove
Marjorie Cecelia Hawes
Dorothy Hilda Hiltz
Margaret Hilda Hines
Francis Harold Howley
William Stuart Jenks
Daisy Gladys Johnston
Stewart Allan Johnston
Adwyn Lulu Jollymore
Carl Kenty
Gertrude Latter
Jack Ferdinand Lawrence
Mary Margaret Mahoney
Basil Campbell Martin
Gerald Curren Mielke
Elizabeth Miller
Ralph Thompson Miller
Florence Winnifred Morash
William Everett Moseley
Muriel Matilda Mosher
Ala Evelyn Mosher
Alonzo Kenneth Munroe
Ruth Thomas Murphy
Derrick McCarthy
Olive Nola McElmon
Gcorge Piers McLarren
Marie Josephine McGrath
Jemima Almena McLean
John Alexander McQuinn
Wilfred Guy Otto
Ray Elizabeth Pace
John William Payzant
Florence Emily Patterson
Percy Carl Rennels
Jewel Gertrude Ritcey
Gordon Mayes Sanborn
Ethel Gertrude Scott
Gertrude Sheehan
Helen Caroline Shortt
Kathryn Lispenard Slayter
Gladys Eliza Smith
Thelma Cecelia Smith
William Patrick Stone
Ivy Helena Sugden
Florence Alexandra Thompson
Jean Eloise Thompson
Vincent George Tierney
Emma May Tupper
Hugh Humphrey VanBuskirk
Arthur Vernon
Margaret Anna Walker
Douglas Dundonald Wallace
George Foster Webber
Harvey Thomas Williams
Mary Louise Wilson
Percy Gordon Withrow
George Richard Wooten
Claire Margaret Yates
Nina Elizabeth Barrett

Charles Edmond Sullivan
Irene Smith
Mildred Mamie MacDonald
Hilda Marjorie Harris
Dorothy Evelyn Curtis
Lillian Byalin
Ruth Campbell
Myrtle Mary Sheehan
Eva Kathleen Carten
Anna Mildred Leary
Lester Elsworth Umlah
George Earl Thornton
Adele Elizabeth Lemoine
Supplementary ( 2 candidates).
Unsuccessful (XIJ, 2; XI, 2; X, 33; IX, 55).

HALIFAX, BLOOMFIELI)-(200
candidates).
XI. (26 candidates).

Reginald Gallagher
Cecil Gordon Carrison
Mary Margaret Hollahan
Wilfred Ernest Kehoe
${ }^{\text {Agnes Norris }}$
Aessie Agnes Turner
Ada Victoria Tyler

> X. (46 candidates).

Nellie Carey (X on XI).
Annie Meyrick Davies (X on XI).
XI) ${ }^{\text {Wherine Burnadette Flaherty ( } X \text { on }}$ $\underset{\mathrm{Franc}_{\text {I }}}{\mathrm{XI}}$
Alicis Eugenia Greig ( X on XI ).
Agnes May Hartling (X on XI).
Rita Holmy Marg. Holland (X on XI).
El ita Holmes (X on XI).
Jennie Marie Lenaghan (X on XI).
Cennie Helen Lomas (X on XI).
Agneva McKeil Morash (X on XI).
$\mathrm{R}^{\mathrm{R}} \mathrm{g}$ 都 Marion Murray (X on XI).
$\stackrel{\text { XI }}{ }$ ). ${ }_{\text {Helen }}^{\text {XI }}$.
Anen Frances Power (X on XI).
Arthic Helena Upham (X on XI).
Florence Eiai Appleby
$V$ ina Me Eileen Appleton
Mary Margaret Burns
Sadie Julia Christie
Regin Cohen
Harold Everett Cox
${ }^{\text {Par }}$ irdie Charles Hill
Marga Hadder
dargaret Keating
Lucy Annah Kelly
Winif Lily Kravis
$\mathrm{Ral}_{\mathrm{al}}^{\mathrm{nif}} \mathrm{G}_{\mathrm{G}}$ May Kidston
Evelyn George Johnstone
Mabel Ada Jones
ercival Annie Leitch
ival Lucas

Margaret Mary McLaughlin
Alice Myrtle McLearn
Michael Joseph Murphy
Alexander McDonald Pearce
Margarette Agnes Purcell
Minnie Mcleod Shiers
Dorothy Pearl Smyth
Kathleen Victoria Sterling
Lydia Agnes Travers
Charles Wylton Strachey Tremaine

> IX. (127 candidates).

Annie Alice Fancy (IX on XI).
Rita Elizabeth Hiltz (IX on XI).
Winnic MacDonald (IX on XI).
Minnie Janes MacGlashen (IX on XI).
Leo Anthony Martin (IX on XI).
Thomas Joseph Patrick Moore (IX on
$X)$.
Howard John Silver (IX on X).
Michael John Skerry (IX on X).
Lillian May Young (IX on X).
Marion Lovett (IX on X).
Rita Rose Hawes (IX on X).
Edwin Rufus Wright (IX on X ).
Clarence Almon Allen
Edith Gertrude Barrett
Gladys Pretoria Bavers
Melvin Lorne Boutilier
Mary Leah Theresa Bownan
James Stanley Bowen
Roy Joseph Brennan
Mabel Hilda Brown
Edna Brown
Jean Madeline Boyce
Kenneth Gladstone Brushett
Mary Stella Burke
Marion Leone Cantelope
Sarah Annie Campbell
Agnes Carmichael
Mary Conrod
Beatrice Cox
Margaret Anna Cox
Marjorie Seabright Covey
Maurice Ward Cumningham
Lawrence Wallace Warren
Greta Zillah Davison
I.eo Joseph Day

Francis Wm. Hubert Dentith
Reta Louise Farrer
Mary Deb Fectham
Margaret Alma Flannery
Richard Jeffrey Flinn
Greta Flynn
Edna Mary Forhan
Madge Hildegrade Forwool
Lillian Ella Gates
George Wilbur Gerow
Elizabeth Greene
Charlotte Katherine Griswold
Edna May Holmes
Margaret Veronica Houlihan
Mary Teresa Houlihan
Evelyn Amanda Killam
Henry Linton Leslie

Frederick George Herbert Leverman
Mary Adelaide Long
Arthur Phillips Laidlaw
Gladys Pauline Larder
Hilda May Love
Eva Alice Love
Vera Lillian Jackson
Nellie Beatrice Kidston
Stella Mahar
Stephen Richard Martin
Muriel Pearl Maskell
Roy Douglas Matheson
Audrey Winnifred Marshall
Gertrude Meagher
Pearl Isabella Menchions
Bessie Florence Merrick
Reginald George Miller
Nellie Eleanor May Moir
Mary Ellen Monaghan
Mary Nora Elaine Morash
Allan Reid Morton
Phyllis Murray MacAloney
Charles Eliott MacDonald
Lois Audrey MacDonald
Hazel McEachren
James Robert McFatridge
Rose Ella McInnis
Margie A. W. MacMillan
Marguerite MacPhee
Frank Russell Nickerson
Michael Dennis O'Brien
Elma Maria Penny
Louis Earl Peveril
May Winnifred Proctor
Thomas Baden Radford
William Gordon Ray
Hibbert Lawrence Reynolds
Kathleen Cecelia Reyno
Rita Mary Claire Riordan
Alyce Isabelle Ritchie
Maude Roche
Lillian Jessic Ross
Bernard Ryan
Michael Arthur Ryan
Helen Elizabeth Shaffleburg
Jean Alexandra Shaw
Kathleen Smith
Kathleen E. Stokes
Bernadette C. Thomas
Douglas Stewart Thompson
Vera Tough
Marshall Wallace
Lawrence Michael John Walsh
Eva Melinda Westhaver
Shirley Robertena Wilson
Kathleen Gertrude Murphy
Frederick Charles William Pacey
Vera Lottie Evelyn Street

Supplementary (1 candidate).

Unsuccessful (XI, 7; X, 40; IX, 110).

HALIFAX, ROCKINGHAM-(35 candidates).
XII. (8 candidates).

May Leontine Chase
Gertrude Marie Healy
Mary Isabelle O'Brien
Sara O'Keefe
Alma Katherine Surette
Marjorie Lesley Welch

> XI. (11 candidates).

Mary Fitzpatrick
Marie Josephine Gaudet
Marie Jocphine Kelly
Katherine Emily Murray
Christina O'Leary
Madeline G. Powers
Evelyn White
Mary Isabelle Hachey
X. (9 candidates).

Sara Elizabeth Craig (X on XII).
Emma Theresa Melanson (X on XII).
Catherine Maura Brown ( X on XI ).
Marjorie Claire Mumford (X on XI).
Loretta Boudreau
Catherine Desmond
Annie Marie Gardner
Mary Alice McCarthy
Gertrude McDonald
Clare Isabelle McEachern
Annie McIsaac
Sarah McNeill
Supplementary (8 candidates).
INVERNESS-(108 candidates).
XI. ( 16 candidates).

Catherine Isabel McEachern
Mary Agnes Cahill
Maude Ethel Phillips
Mary Ryan
Nellie E. Deneumonstier
Ella May Phillips
Murdock Joseph MacKinnon
Angus Archie MacLeod
John Archie MacIntyre
James William MacNeil
Alexander MacLeod
Alexander Charles MacLean
Jessie Y. MacInnes
X. (39 candidates).

Sara MacFarlane (X on XI), on XI).
Neil Douglas MacKinnon (X o Neil Douglas Mackinnon (XI).
James Alex Collins (X on
Edgar Hastings Henderson (X on
Edgar Hastings Henderson (X

[^1]
## IX. (52 candidates).

Annie May MacEachern (IX on XI).
Minn
Minnie Margaret McKay (IX on XI).
Edwin Clarence Cameron (IX on XI).
Duncan Hugh MacMillan (IX on XI).
Mary Margaret Cameron (IX on X).
Isabel Catherine Ling (IX on X).
$M a r y$
Mary Ann Gillis (IX on X).
Mary Helena Lord (IX on X).
Mary Catherine Beaton (IX on X).
Rose Jessie McFarlane (IX on X).
Caniel McLellan (IX on X).
Catherine McDougall
Emma Brasset
James Gildersleeve
Joseph Frederick McCormick
Mama Ethel Mealing
Mary Bell McKinnon
Annie Maria Butterworth
Carl Cassidy
Jean Neil McLean
Anna Ellen Smith
Anna Ellen Smith
Mary Alice McLean
Supplementary (1 candidate).
$U_{\text {nsuccessful ( }}$ (X, 8; IX, 22) .
JOGGIN MINES-(29 candidates).
XI. (3 candidates).

Ethel Gladys Walker
Walter Ross Clark
Walter Ross Clarke
X. (11 candidates).
IX. ( 14 candidates).

Myrtle Agatha Devine (IX on XI).
Georgia Francis Ripley (IX on X).
Lillian Ada Kelley (IX on X).
Nina Maude Matheson (IX on X).
Sydney Como
Bernice Vera Charman
Theresa Margaret O'Regan
Clara Alma Kennedy
Lisle Bertram Webb
Ella Maude O'Regan
Unsuccessful (XI, 1; X, 5; IX, 8).
KENTVILLE-(86 candidates).
XI. ( 27 candidates).

Ethel Henderson
Harry Freeman Bill
Harold Stevens Bishop
Esther Margaret Benson
Floyde Clifton MacInnes
Delia May Redden
Evelyn Reta Forsyth
Helen Mary Jones
Muriel Evangeline Hiltz
Reginald Barclay Webster Ward
Mildred Mabel Duncan
Ora Grace Rockwell
Louise Jessie Hiltz
Marjorie Olive Borden Baird
Erie Elder Woodworth
Darrell Loraine Calkin
Wilfred Lee Shofield
Flossie Mabel Harvic
Elaine Eaton Manson
Dorothy Evangeline Jennison_Belcher
Marguerite Kirk Willey

> X. (24 candidates).

Mary Adella Clerk (X on XI).
Muriel Constance Hiltz (X on XI).
Lenna Grace Darling Atwell
Edward Lincoln Wamboldt
Eva Viola Andrews
Mary Agnes Hiltz
Gertrude Viola Turner
Frances Isabel McHeffey
Annie Louise Morine
Mabel Gertrude Nichol
Hibbert Antonie Lyons
Hilda Margaret Kinsman
Jean Margaret Webster
Evoria Viola English
Mary Elizabeth Harvie
Kathleen Marion Mosher
IX. (34 candidates).

Marjorie Vivian Newcombe (IX on XI).

Florence Ada Nieforth (IX on XI).

Verna May Harris (1X on XI).
Linda Amelia Allen (IX on XI).
William Stanton Jackson (IX on X).
Frances Louise Palmeter (IX on X).
Jean Whitney Murphy
Evelyn Isabel Winnifred Seaboyer
Mary Queenie Regan
Eileen Kirk Willey
Harriet Roberta Brechm
Hazel Serena Forsythe
Gertrude Alice Frail
Dorothy Belle Redden
Marjorie Harrington
Eva Marion Sealey
Beverley Loraine Maclnnes
Madeline Helen McIvor
Gladys Mae Rottler
Olivia Elizabeth Lamont
Robic Roscoe
Evelyn Wilhelmina Smith
Mildred Rita Parker
Nellic Dolorosa Rooney
Myrtle Edith Walsh
Winnic Belle Rafuse
Katheryn Elizabeth Jones
Dorothy Josephine Yould
Supplementary ( 1 candidate).
Unsuccessful (X, 8; IX, 12).

LIVERPOOL-(83 candidates).
XII. (1 candidate).

Freda Marion MacLeod Shields
XI. (13 candidates).

Helen Catherine Lennox
Nancy Isabel Boucher
Thaddeus Simeon Kempton
Muriel Annetta Hunt

$$
\text { X. ( } 35 \text { candidates). }
$$

Hilda Gertrude Crooks (X on XI).
Ellen Freda Locke
Alfred Lawrence Seldon
Letitia Letson Sponagle
Eva Matilda Huskins
Marie Rawson Beli Freeman
Beryl Viola Freeman
Hazel Louise DeForrest
Bessie Estella McGowan
Sadie Belle Wamboldt
Linda Eloise Atkins
Mary Doris Atkins
Helen Vera MacKenzie Mitchell
Dorothy May Anthony
Robert Kitchener MacKinnon
Mary Matilda Hicks
Walter Irving MacGowan
Mildred Lurana Doggett
Zewman Gordon Clancy

Vera Hazel Wagner
Edith Marie Latham

## IX. (34 candidates).

Pearl Margaret Butler (IX on XI). Ida Crowley (IX on XI).
Irving Elliot Gardener (IX on XI).
William Robie Silver (IX on XI).
Mary Ellen Fraser (IX on XI).
Gladys Marie Hartlen (IX on XI).
Violet Ellis Martin (IX on XI).
Ella Johnson Allen (IX on X).
Greta Eleanor Hunt (IX on X).
Bernice Marguerite Forbes (IX on X).
Dorothy Belle Colp (1X on X).
Lillian May Parks (IX on X).
Gertrude Jean McCaffrey
Frank Parker Smith
Samuel Russell Forbes
Elsic Myrtle Lennox
Nita Marguerite Meisner
Florence May Fralick
Gladys Irene Lloyd
Phyllis Viorene Kempton
Mary Winnifred Sponagle
Olive Muriel Hartlen
Harriet Leonora Smith
Charles Owen Smith
Nellie Viola Corkum
Helen Alberta Corkum
Mercy Maude Melancoy
Myrtle Blanche Frausel
Etta Grace Stuart
Mildred Louise Therian
Ethel Victoria Corkum
Marion Olivette Nickerson
(Unsuccessful XI, 1; X, 1; IX, 13).
LOCKEPORT--(53 candidates).
XII. ( 1 candidate).
XI. ( 6 candidates).

Mary Alena Hamilton (XI on XII).
Hattic Blanche Crouse
George Edward Holden
X. ( 22 candidates).

Muriel Beatrice Ringer ( X on XI ). XI ).
Josephine Robertson Laing ( X on XI ).
Harold Townsend
George Isaac Townsend
Sarah Eliza Townshend
Jennie Olivia Farrington
Florence MacKenzie
Louise Sutherland Hogg
Ivy Victoria Smith
Eva Bessie MacKay
Rosina May Townshend
Ava Maude Bill
Alice Matilda Locke
Minnie Gladys McIntosh
Violet Teresa Seaboyer

Mary Lavenia Lewis
Jessie Beatrice Shupe
Margaret Hardy Hayden

> IX. (24 candidates).

Beryl Christine Howe Locke (IX on XI).

Mabel Sophia Crowell (IX on XI).
Dorothea May Harding (IX on X).
Dorothy Louise Bill
Abbie Keziah Scaboyer
Laura Elizabeth McIntosh
Claire de Guyon Smithe
Gertrude Morash
Muriel MacKay
Annie May Bill
Reta Jost Weddleton
Lester Herbert Ringer
Ernest Raymond Mathews
Charles Sheldon Williams
Etta Thorburn Hardy
Martha Smith Hardy
Erminie Viola Decker
Ethel Beatrice Decker
$U_{\text {nsuccessful ( }}$ X, 5; 1X, 9). LOUISBURG-(29 candidates).
XI. (3 candidates).
X. (8 candidates).

Roderick Kerr
Mayme Jeanette Stacey
IX. (18 candidates).

Marjorie I. A. LeVatte (IX on XI).
Lena Agnes McDonald (IX on XI).
Mary Kennedy (IX
Mary Kennedy (IX on X).
Malcolm Fergusson
Effie Ann MacIntyre
Margaret Florence MacLean
Rebecca McDonald
Rebecca McDonald
$\mathrm{U}_{\text {nsuccessful (XI, }}$; X, 5; IX, 14).
LUNENBURG-(122 candidates).
XII. (1 candidate).

Mary Louise Oikle
XI. (31 candidates).

Earl Archibald Mersey
EVelyn Beatrice Hebb
Mildred Muriel Smith
Daisy Myrtle Rebeca Petite
Mildred Myrtle Wentzell
Edith Maud Backman
Brenda Harriett Holmes Ross
Fred Willard Winters
Loid Emily Elizabeth Berringer

Cecil Edwin Kinley
Florence Ethel Daurie
Eiffie Eldora Crouse
Blanche Gertrude Herman
Millie Sara Baker
Fannie May Louise Silver
Letitia Winifred Mack
X. (27 candidates).

Everett William Rafuse ( X on XI).
Mary Marguerite Forbes ( X on XI).
Minnic Mildred Rodenhizer ( X on XI).
Ethel Leila Tanner ( X on XI).
Muricl Alice Zinck ( X on XI).
Harry Stuart Smith ( X on XI).
Mona Zipporah Burke (X on XI).
Beaulah Jean Smith ( X on XI ).
Doris Mary Holder
Olen Leslic Backman
Douglas Freeman Adams
Audrey Marie Smith
George Fonwick Heckman
George Allen Ernst
Doris Belle Mahoncy
Margaret I sabelle Burns
Lela Iona Herman
Leah Beryl Maxner
Stuart Benjamin Hirtle
Everett George Geldert
Hilda Irene Falkenhan
Harry James Knickle
Mary Charlotte Elizabeth Gormley
Mildred Louise Romkey
Earl George Wentzell
Ralph Maxwell Herman
Adrian Raymond Parks

> IX. (61 candidates).

Owen Benjamin Smith ( 1 X on XI).
Mildred P'earl Young (IX on XI).
Ewart Raymond Lohnes (IX on XI).
Beryl Mildred Corkum (IX on XI).
Hazel Marguerite Smith (IX on XI).
Madge Ellen Schnare (IX on XI).
Hilda Gertrude Corkum (IX on X).
Evelyn May Dauric (IX on X).
Cecil Arthur Eisenhauer (IX on $\dot{X}$ )
Lucy Jane MacDonald
Thomas Guy Walters
Walter Henry Backman
Carl Rayburn Burke
Vida Cicely Oxner
Francis Mason McLeod
Mary Lucretia Oxner
Florence Maude Eisenhauer
Frances May Tanner
Bessie Marion Smith
Mabel Ida Georgiana Young
William Ross Ross
Harry Elsworth Backman
Minnie Albertha Young
Iris Ione Oxner
Lela Marguerite Schnare
James Bertram Hirtle

Frances Maude Young
Jean Florence Smith
Roy Betts
Derrell Daisy Alma Mason
Louis Cecil Burke Schwartz
Violet Lucille Rafuse
Ian McClure
Charles Samuel Maxner
Katie Lucretia Duggan
Merle Vivian Berringer
Leone Matilda Tanner
Ronald John Heckman
Jennie Luetta Tanner
Hazel Marguerite Lohnes
Aubrey Alexander Morash
Frank Fraser Creaser
Everett Malcolm RItcey
Grace Victoria Mosher
Grace Elizabeth Wentzell
Margaret Louise Ritcey
Alice Louise Smith
Douglas Alvin Conrad
Nellie Edwina Jodrey
Ella May Zinck
Bessie Florence Parks
Erna Rose Conrad Dorothy Kathleen Parks
Areta Amelia Conrad Ulrica Dorothy Conrod Blake Courtney Frittenburg Myrtle Beatrice Haughn
Supplementary (2 candidates).
Unsuccessful (XI, 1; X, 5; IX, 14).
MAHONE BAY-(73 candidates).
XI. ( 24 candidates).

Hazel Dora Young
Ethel Viola Helen Ernest
Eva Luella Young
Vera Laura Hiltz
Harriett Mae Smith
Lauretta Mae Rhodenizer
Carl Winston Vaughan

$$
\text { X. ( } 22 \text { candidates). }
$$

Muriel Eliza Dorothy Hiltz (X on XI). Glennie Etoil Margaret Ernst (X on XI).

Flora Mae Zwicker (X on XI),
Erna Morea Mills (X on XI).
Blanche Mildred Mader (X on XI).
Boyd John Abel Walsh (X on XI).
Constance Angelina Zwicker (X on XI).
Mildred May Ramey
Mabel Blanche Wile
Margaret Constance Eisenhauer
Hope Evermore Hamilton
Uniacke Atwood Mader
Guy Delbert Daurie
Emily Mildred Keddy
Belle Elizabeth Ernst

William David Eichel
Carrie Etta Conrad
Laura Maud Wentzell
Lena May Wagner

> IX. (27 candidates).

Mildred Mary Elizabeth Winters (IX
on XI).
Clarice Audrey Zink (IX on XI).
Amy Matilda Zink (IX on XI).
Lillian Jean MacLean (IX on XI).
Arema Arlington Hyson (IX on XI).
Phyllis Eyelena Mader (IX on XI).
John Louis Dauphince (IX on XI).
Ruth Genevieve Ernst (IX on X).
Joyce Margaret Zwicker
Daisy Belle Rhodenizer
Vida Diadem Wentzell
Stella May Wentzell
Ellen Maude Begin
Minnie Pearl Mosher
Hilda Elizabeth Z. Mader
Margaret Ivy Kathleen Ernst
Effie Ellen Lake Zwicker
Jean Lena Mader
Francis Lorraine Burgoyne
Ross Macgiverly Mader
John Obediah Spidle
Orland Aubrey Hirtle
Willougby Charles Ray Begin
Vera Kathleen Mader
Elden Gerald Ernst
Nita Irene Gilnaught
Irvin Ainsley Wentzell
George Renford Hamm
Theresa Olive Millett
Grace Evelyn Whynot
Pearle Leita Broome
Unsuccessful (XII, 1; XI, 2; X, 9; IX, 4).
MAITLAND-(58 candidates).
XI. ( 13 candidates).

Hettie Alexander Sterling
Maynard Hiltz Webber
Margaret Winifred Putnam
Annie Katherine Hennigar
Lucy Adeline White
Gertrude Isabella Woodworth
Leah Teresa Ray
Gladys McIntosh

> X. (24 candidates).

Edson Minto O'Brien (X on XI).
Edward Gordon Fiske (X on XI).
Katharine Florence Ray (X on XI).
Marion Fraser Ells
Aletha Maude Harvie
Elsie Lorena Faulkner
Abbie Louise Woodworth
Jessie Edith Densmore

Marjorie Emily Custance
Mary Hazel Geddes
Lura Eleanor Geddes
Edith Maie Anthony
Bertha Graham
Ruby Corbett Spares

> IX. (21 candidates).

Greta Gilmore McLellan (IX on XI).
Mabel Rebecca Tomlinson (IX on X).
Mabel Leone Custance (IX on X).
Emily Josephine Dow (IX on X).
Beulah Louise Leacy
Setina Mabel Lingard
Elizabeth Ellen Laffin
May Josephine Graham
Ena Gertrude Custance
Clara Maud Reynolds
William Munroe Hilchey
Hilda Maude O'Brien
Dorothy Alberta Blois
Harry Dixon Clarke
Unsuccessful (XI, 1; X, 10; IX, 11).
MARGAREE FORKS-( 64 candi. dates).
XI. (10 candidates).

Joseph Leo LeBlanc
Margaret Bell Collins
William Bernard McLellan
John Gordon Lawrence
Lawrence Brinnin Coady
X. (26 candidates).

Jemima McKenzie (X on XI).
Clara Christina McDougall
Annie May McQuarrie
Timothy Burns
Theresa Coady
Mary Ann Chisholm
Mary Ann McIsaac
Raymond D. Miller
Hannond D. Miller
May McKenzie
IX. ( 28 candidates).

Rebecca Margaret Dunn (IX on XI).
Allen Alexander McLeod (IX on XI).
Allen McRae (IX on XI).
Lenora Sarah McLeod (IX
Annie Gillis (IX on X).
Margaret Bell Cameron
Anngaret Bell Cameron (IX on X).
Johnie Belle Coady (IX on X).
John Colin McNeil (IX on X).
$\mathrm{D}_{\text {an }}$ Elizabeth Munro (IX on X).
Dan Angus Collins (IX on X).

Annie Genevieve Gillis
Catherine Tillie Chaisson
Moise David Doucet
Margaret Gilbert Neilson

Unsuccessful (X, 11; IX, 24).

## MIDDLE MUSQUODOBOIT-(57 candidates).

XI. (13 candidates).

Anna May Dechman
Alexandria Beatrice Erskine
George Archibald Farnell
Melissa Fraser
Victoria Louise Alice Reid

$$
\text { X. ( } 20 \text { candidates). }
$$

Robert Brian Archibald (X on XI).
Edith Gladwin Dickie (X on XI).
Vera Irene Dillman ( X on XI).
Annabel Hamilton ( X on XI).
Ruth Sybil Ellis
Doris Erskine
Norma Elizabeth Frame
Mary Irene Fraser
Ada Helen Henry
Edith Agnes Higgins
Alice Irene Holman
Blanche Isabelle Logan
Catherine Jane Logan
Helen Blanche McFatridge
Charles Hill Wallace Sedgewick
Olive Bernice Shaw
Emily Ormond Sutherland
IX. (24 candidates).

Helena Mae Kent (IX on XI).
Arthur Everett Killen (IX on XI).
May Florence Stewart (IX on XI).
Hugh Smith Hanna (IX on X).
William Frederick Horton (IX on X).
Ruby Ellen Burnett
Robert George Burris
Annie Louise Dickie
Elvie Adelle Billman
Josephine Harrison Dunbrack
Emma Murray Farnell
Florence Adele Greenough
Lillian Marguerite Henry
Lottie Belle Higgins
Ruth Beatrice Higgins
Margaret Jane Hurley
Lillian Clare Ogilvie
Irene Margaret Redmond
Mary Jean Rhind
Unsuccessful (XI, 1; X, 5; IX, 10).

MIDDLETON-(105 candidates).

> XII. 2 candidates).
> XI. (43 candidates).

Hortense V. Bessie Spurr (XI on XII). Edith Gertrude Jackson
Evelyn Ida Smith
Priscilla Leonard Elliott
Dorothy Lenore Lantz
Bessie Pauline Palmer
Vernon Lamont Pearson
Stuart Clyde Morse
Leonard Emery Neily
Mary Evelyn Bowlby
Hazel Marie Van Buskirk
Minnie Leota Parker
Harold DeMille Ward
Annie Louise Fales
Mary Janette Robinson
Pearl Melinda Parker
Vera Huntington Knox
Florence May Cassidy
Murray Howe Ward
George Holland Hoffman
Donald DeLacy Foster
Annie Bernice Bentley
George Wilfred Bowlby
Charles Addison Fisher
Donald Muir Reed
Janet Beryl Reinhardt

> X. (31 candidates).

Gladys King Daniels (X on XII).
Rowland Chester Marshall (X on XI).
Olive Irenc Banks (X on XI).
Aubrey Charlton McAloney (X on XI).
Charles Parker Stronach (X on XI).
Mabel Aldene Bent (X on XI).
Pauline Marie Jackson (X on XI).
Annie Grace Palmer (X on XI).
Annie Isabell Rutherford (X on XI).
Violet May Rice (X on XI).
Hazel Hanscom Dodge (X on XI).
Gladys Marie Neily (X on XI).
Irene Vivian Jackson
Clyde Raymond Wilson
Elsie Pearl Bruce
Ethel Maude Stevenson
Wylie Robert Ward
Evelyn Annie Lightizer
Fitch Burton Banks
Lloyd Frederick Woodbury
Bernice Arlene Sproule
Elizabeth North Kelley
Florence Lily Awalt
Mabel Coralie Brown
Hazel Elizabeth Conrad
Hibbert Lawrence Parsons
Kenneth Sapwell Wyatt
Neil Ferris Marshall
Neil Stanley Morrison
IX. (29 candidates).

Audrey Beatrice Goucher (IX on XI).
Effie Grace Messenger (IX on XI).
Vera Henderson Baker (IX on XI).
Elma Jean Bowlby (IX on X).
Arleigh Manson Banks (IX on X).
Wylie Franklin Brown (IX on X).
Vera Elaine Palmer (IX on X).
Elizabeth Estella Marshall
Mary Elizabeth Varner
Ruby Ailsa Waterman
Elliott Leroy Crawford
Donald Aubrey Neily
Lucy Marion Brown
Henry Gordon Goucher
Eileen Meredith Dodge
Carl Young Fisher
George Frederick Fisher
Albert John Rogers
Wilma Isabell Sweeney
Unsuccessful (XI, 3; X, 11; IX, 17).
NEW GLASGOW-(224 candidates).
XII. ( 1 candidate).

Sophia Jean MacKay
XI. ( 35 candidates).

Helen Ross Fraser
Annie Florence MacLeod
Margaret Wells Wright
Maude Emma Mary Olding
Annie Estelle Johnstone
Katherine Margaret Waugh
Violet Ruby Cameron
Ernest Fulton Reynolds
James Andrew Milne
George Herbert McNeil
Donald MacLean Sinclair
Beatrice Victoria Grant
Margaret Helen MacLean
Alice Mary Phelan
Gladys Lena Huggan
Isa MacKay MacDonald
Bessie Edith MacDonald
Elizabeth Chisholm
Catherine Hazel MacKenzie
Lorne Eugene Collum
Catherine MacDonald
Christena Anne McDonald

## X. (68 candidates).

Janet Georgina Calder (X on XI).
Janet Agnes Chisholm (X on XI).
Teresa MacLeod Park ( X on XI ) XI ).
Charles Perkins Campbell ( $\mathbf{X}$ on $\mathbf{X I}$ ).
Mabel Cumming
Ina Pullman
Elizabeth Cullen Murray

Christine Grant Fraser
David Earl Green
Catherine M. Park
Margaret Gilham Huddart
Margaret Catherine Gordon
Arthur Dobson
Francis Newcombe Layton
Henry MacDonald
Rena May MacDonald
Mary Ann Grant
Margaret Alma Fraser
James Harris Reid
John Andrew Milne
Margaret Alice Chishom
Jean Agnes Chisholm
Florence Elizabeth McLeod
Margaret Jane Sutherland
I
lsabel Stewart Reid
Margaret Dolina Fraser
Tina Jina Joanna Fraser
Tina Jessie Ross
Jessie Ann Chisholnı
Marah Pearl McLean
Malcolm Fraser MacKay
Annie Miriam Mackay
Helen Chipman Crockett
Grace Allison Boggs
Bessie May McKenzic
Vellie May Campbell
Aladys Vivian Stewart
Annie Mabel McDonald
IX. (119 candidates).

Margaret Blenkinsop (IX on XI).
Pearl Grace Ross (IX on XI).
Anna Margaret Allan (IX on XI).
Mana Ross (IX on XI).
Edith Christison (IX on XI).
Mary MacKay (IX on XI).
Mary Agnes Reeves (IX on XI).
Letitia Louise Beck (IX on X).
Dotia Maye MacMillan (IX on X).
$\mathrm{E}_{\text {sie }}$ Cothy Evelyn Crockett (IX on X).
Edne Calder Muir (IX on X).
Alexander Fraser (IX on X).
Margaret Nelson Cameron (IX on X).
Margaret Catherine Patrick (IX on X).
Inagnus Elwyn Craigie (IX on X).
Grace Mousfield (IX on X).
Mare Marie MacIntosh (IX on X).
Alex Cecelia Flynn (IX on X).
Alice Geo Finlay McDonald (IX on X).
Margaret Lina Stowe (IX on X).
Mild red Elsouise MacCurdy
Clarice Elsa Mahar
Rhoce Barbara Fraser
Milda Gregg Small
lean Mced MacDonald Reeves
iola Malver Munro
Marlotte Jeanbar
Marion Jean Fraser
Cladys I sabel McKay
Charles Josephine McDonald

John William Stewart
Jeffry Miller Dand
Roderick William McCall
James Norman Murray
Alexander Coll McLean
George Hedley Fanjoy
Edwin Collard Alding
Randolph Airlie Douglas
Charles Spiro
Hugh Hunter McQueen
Thomas MacLeod
James Willian Sinclair McKenzie
Lois Murray
Clara Belle McDonald
Mabel Ardellis Blois
Wilma Evelyn Phinney
Helen Ethel Mildred Phinney
Beulah Grant McLean
Archibald MacKay Sutherland
Irene Henrietta MacKay
John Allister Bowman
Mary Regina MacMillan
Faustina Chisholm
Elsie Irene McIntosh
Annabelle Fraser Robertson
Sarah Ruth Munroe
Annie Louise MacKay
Sarah Mildred Madden
Clarence Miller McLean
Jack Forbes Brown
John James Oliver
Margaret Caroline Stewart
Robert Evan MacDonald
Margaret Annie McLellan
Isabel MacNeil
Annie MacDonald Chisholm
Vera Evelyn Cameron
Anna Violet Cameron
Ralph Edwin Foote
Jessic Ann MacDonald
Bertha Austin
Herbert William King
Jean Stewart
Rachel Catherine McQueen
Barbara Catherine Fraser
Hazel Tupper Sutherland
Gordon Daniel Fraser
Jessie May Ross
Jessie Jeminaa MacDonald
Margaret Helen McLean
Evan John Fraser
Edward Duncan McHardy
Ethel Robina MacIntosh
James Edward Grant
Tom McLellan McKay
Supplementary (1 candidate).
Unsuccessful (XI, 2; X, 20; IX, 58).
NORTH SYDNEY-(103 candidates).
XI. ( 14 candidates).

William Morrison
John Leo Wilkie
Lewis McMillan
Hazel Bell MacDonald
Alice Muriel Clark
Albert Hector Beaton
Stella MacLeod
Helen Dickson Purves

## X. (42 candidates).

Charles Wallace Moffat (X on XI).
Daniel McMillan (X on XI).
Lorne Colin Rice
Edward Cossiman
George Lawrence Dooley
Robert Roy Brown
Amy Harriet Jackson
Lawrence Cossman
Dan Murdoch Grant
Louise McVarish
Mary Katherine McMullen
Teresa Mary MacDonald
Elizabeth May Nicholson
Christina Catherine Campbell
Mildred Elizabeth MacKeen
Charles Munn
Donald MacGregor Hackett
Norman Burchell
William Boyd MacOdrum
Clifford Shaw Thompson
Jean Frances Armstrong
Hannah Jane MacLeod
Harry Mathers Young

> IX. (46 candidates).

Isabel Fairley Partridge (IX on XI).
Katherine Loretta Gouthrow (IX on XI).

Colin Munro McKenzie (IX on X).
Josephine Loretta Hindle (IX on X).
William Buchanan (IX on X).
Ernest Edward Ferguson (IX on X).
Myrtle Bethune (IX on X).
Donald William Buchanan (IX on X).
Marion Adeline Appleby (IX on X).
Jennie May McLeod (IX on X).
Agnes Nicholson (IX on X).
Harry Corson Gordon (IX on X).
Catherine Rebecca MacOdrum
Eliza Roberta Ross
Annie Casdale Partridge
Evelyn Rice Armstrong
Ronald Joseph MacDonald
Edna Naomi Booth
Ellen B. McDonald
Sara Christena Fraser
Ethel Margaret Allen
Harriet Elliott Leonard
Jean Francis Musgrave
Annie Jane McLeod
Colin Francis McInnis
Hiram J. Brown
Harold Andrew Ratchford
George Wilson McDougall

Susie Bernice Turner
Jessie Margaret MacDermid
Vivian McDonald
John Charles MacLean
Gordon Wilson Brewer
Supplementary ( 1 candidate).
Unsuccessful (X, 10; IX, 25).
OXFORD-(69 candidates).
XII. ( 3 candidates).
XI. (13 candidates).

Jean Gammell Creighton (XI on XII).
Donald Patton
Joseph Nowlan Hunter
Jean Allison Black
Marguerite Lucelle Hutcheson
Evelyn Frances Hue
Alberta May Knowlton
Grace Gwendolyn Smith
Hazel Mildred Giles
X. ( 25 candidates).

Rita Violet Thompson (X on XI).
Georgia Elspeth McCabe (X on XI).
Ella May Ralston
Winnifred Grace Wilson
Jane Andrews McCabe
Erna Jean Dowden
Mildred Annie McNeil
Helene Ola Belle Stewart
May Belle Gordon
Beryl Lenore Thompson
Matilda Katherine Black
Belle Marie Siddall
Estelle Victoria MacDougall
Hazel La Verne Glennic
Myra Francis Gordon
Cecil Vernon Thompson
Joseph Alyward Mattinson
Arthur Lyman DeWolfe
IX. (29 candidates).

Myrtle Jean Ripley (IX on XI).
Greta MacDougall (IX on XI). X)
Minnie Wright Campbell ( $\mathrm{IX}^{*} \cdot \mathrm{on}^{\mathrm{n}} \mathrm{X}$ ).
Harold Leslie Patterson (IX on $\mathbf{X}$ ).
Clara May Patterson (IX on
Florine Alice Cove (IX on
Rose Lillian King
Grace Esther Denings
Elsie Beatrice Swan
Hazel Areta Wilson
Margaret Sherman
Samuel Elmer Moore
Annie Isabel Mitchell
Evelyn Ripley
Cecil Howard Mattinson
Carrie Thompson
Sadie Georgina Marguerite Sproule

Gladys Rowe Cove
Pressie Augusta Thompson
William Eddy Embree
Nellie Gwendolyn Johnson
Grace Edith Siddall
Perry Lawrence Hunter
Unsuccessful (XII, 1; X, 6; IX, 12).
PARRSBORO--(115 candidates).
XII. (1 candidate).
XI. (24 candidates).

Cynthia Robina Fife
Nellie Verna Lewis
Gladys DeVera Canning
Vivian Salter
Margaret Rose Gavin
Thomas Herman Jeffers
Myrtle Erma Gilbert
Alice Dorothy Tucker
Hariet Elizabeth Pickard
Evelyn Kate Elderkin
John Arthur Hanna
Mary Genevieve Sears
Edith Elizabeth Canning
X. (45 candidates).

Leonora Mae Patterson (X on XI).
Sarah Kathleen Fullerton
Minnie Myrtle Dunning
Alice Maud Patterson
Otto Glendon Parsons
Edna I.ouise Fullerton
Kathleen Grace Salter
Muriel Prince Johnson
Modith Maye Rowe
Molly Baugn Morwick
$\mathrm{G}_{\text {Issie }}$ Arlette Morrison
Mussie Geraldine Brown
Duriel Bigelow Loomer
Isabel Cont Emily McGuirk
Alicel Conway Crossman
${ }^{\text {Alice Gilbert Rutherford }}$
Myrtle Irene Sencabough
Reta Jeanette Graham
Joorgia Louise Spicer
Helen Re Stickney Henderson
James Roberta Pugsley
IX. (44 candidates).

Marjorie Evelyn Fulton (IX on'XI)
Mabel Hunter Welsh (IX on XI).
Rurwyn George Gibson (IX on XI).
Lloyd Garland Phinney (IX on XI).
Beyd Amon (IX on XI).
Frances Catrice Henderson (IX on XI).
Augces Catherine Roberts (IX on XI).
Hildsta Marjorie Salter (IX on XI).
Grace Kathlson Polley (IX on XI).

William Edward Roberts (IX on X). Ada Maurine Elderkin (IX on X).
Lcla Anita Johnson (IX on X).
Clarence McGregor Roberts (IX on X),
Hilda Elizabeth MacNamara (IX on
Margaret Mona Loomer (IX on X).
Bessie Muriel Yorke (IX on X).
Eliza May Lewis (IX on X).
Mable Louise Davies (IX on X).
Raymond Harold Wiles
Reta Myrtle Patterson
Cora May Willigar
Violet Victoria Pettigrew
Fannie Elizabeth Thompson
Mary Joanna Brown
Angie Pearle Atkinson
Clara Bridgetta Brown
Evelyn Gertrude Rowe
Elizabeth Julia Hatfield
Vernon Moore
Genesta Malcome Manuge
Marie Elizabeth MacKay
Mary Hazel Kelso
Edna Victoria Newcombe
Charlote Mabel Laggart
Mabel Gertrude Lambe
Gertrude Jane MacAllister
Annie Etter Kearney
Beatrice Mary Duffy
Marie Feral Randall
Mary Kathleen Connors
Irene Margaret Rand
Willena Isabel Mosher
Mellicent Eloise Marsh
Ella Jean Simpson
Supplementary (1 candidate).
Unsuccessful (X, 15; IX, 18).
PICTOU-(172 candidates).
XII. (24 candidates).

Struan Carmichael Robertson
Eva Ellen Heckmann
Ruth Ashmore Dester
Murdoch Norman MacLeod
Lloyd Alexander Munro
Laura Harriet Reid
Jean Denniston Dickson
Myrtle Vivian Grant
Lillian Anna Cameron
Beryl Sophia Lipsett
Jean Drysdale
Jessie Flora Cameron
Fannie Elizabeth Ferguson
XI. (27 candidates).

Margaret Muriel MacWilliam (XI on XII).

Thomas Ross (XI on XII).
Everett Barclay Muir (XI on XII),
Hazel Grant (XI on XII).

Mary Clark Mowat
Carrie Estelle Villa MacKenzie
Barbara Maude MacKay
Edith Blanche Newnham
May Catherine Elliott
Muriel Geddie Matheson
Margaret Kathryn MacFarlane
Katherine Amanda Fraser
Helen Muriel MacDonald
Murray MacKenzie
Harold Embree Grant
Anna Sutherland MacKenzie
Susan Elsie Talbot
Isabel Margaret MacLellan
Russell Maxwell
Dorcthy Rogers Munro
Muriel Belle Reid
Mabel Jessie Murray
Elmer Herbert Murdoch

## X. (53 candidates)

Robert Shannon Tanch (X on XII).
Margaret Isabel Cameron (X on XII). Charles Alex Innis (X on XII).
Wilfred Douglas Mosher (X on XII).
Roy Hamilton Smith (X on XII).
James Erling Saunders ( X on XII).
Mary Verne Dwyer (X on XII).
Herbert Newton Christie
Olive Reid
Ina Jessic MacKenzie
James Danicl MacKay, Jr.
Clara Gertrude MacKay
Lelia Catherine MacKay
George West MacDonald
John Samuel Talbot
Lois Elizabeth Priest
Marjorie Kitchin MacDonald
Frances E. Willard Sutherland
Grace Evelyn Atkins
Helen Geddes Webster
Mabel Angeline Gunn
Florence Anne MacDonald
Annie Mary Fulmer MacDonald
Ella May MacKenzic
Mabel Rose Ross
Eleanor Elizabeth Gammon
Katherine Dickson Thomson
William Sydney Gilchrist
James William Francis Chisho m
John Murdoch Fraser
Daniel Campbell
Georgie Anna MacKay
Franz Shuman
Muricl Cameron
Dolina May MacInnes
Leah Hockin Graham
Mary Jane MacKenzie
Annie Catherine Sutherland
Georgie Etta Gunn
IX. (68 candidates).

Janetta Marjorie Henry (IX on XI). John Hugh Macdonald (IX on XI).

Mary Ella Gratto (IX on XI).
Jessie Isabel Robertson (IX on XI).
Annabelle Cameron (IX on XI).
Zoe Dorothy Munro (IX on XI).
Danella MacKay (IX on X).
Mary Hazel Veniot (IX on X).
Annie Jean MacDonald (IX on X).
Mary Eleanor MacKenzie (IX on X).
Mabel Ruth MacEachern (IX on X).
Lauretta Mildred Roberts (IX on X).
John Adam Dawson (IX on X).
Henry Gordon Ferguson (IX on X).
Etta Lexie Clark (IX on X).
Frederick Stewart Lloyd
Marjorie Pauline Andrew
Roland David Fraser
Olive Edwina Carson
Arabel Susie Innis
Isabel Wisener
Frances Ferguson Noonan
Margaret Maude Chisholm
Caroline Fraser Douglas
Jean MacGregor Thomson
Evelyn Marguerite Murray
Donald Robertson Webster
Philip Grant Carroll
James Wendell Freser
Donelda Ellena MacDonald
George Donald Hoseman Morrison
Arthur Ferguson MacDonald
Dougles Ingram Chetwynd
Peter Carroll McVicar
Annie Myrtle Gammon
Margaret Catherine MacKay
Elizabeth Stalkic Cameron
Blanche Gillis Smith
Florence Marguerite Kenney
Katherine Alexandria Young
Alice Marguerite Fraser
Rhoda Joan Cotter
Catherine MacKay
Russell MacKay Douglas
Alfreda Calder Foster
Ethel May Maclean
Jean Isabel Robertson
Margaret Anne Fraser
Gladys May Patterson
Willian Cyrus McInnes
Katherine Gladys MacLeod
Laura Jemima Munro
Elsie May Harris
Hughena Esther Harris
Unsuccessful (XI, 2; X, 12; IX, 29).
PORT HAWKESBURY-(115 candidates).
XI. ( 18 candidates).

John Robert Fox
Rowena Emeline MacLean
George Russell Hatt
Helen Edith Joncas
Maude Catherine Hennessey

Christena Catherine MacLeod
Christena Catherine MacDonald
Margaret Sarah Cameron

## X. (30 candidates).

Walter Archibald McDonald (X on XI).
Margaret McDonald
Vernon Harcourt Williams
John Joseph Morrison
Margaret Jane MacKinnon
Ronald John McDonald
Anna Nina Loggie
Alma Lexia Laurie

## IX. (66 candidates).

Katherine Mary MacKinnon (IX on XI).

Abram Alexander McArthur (IX on XI).

Sarah Cathetine Campbell (IX on XI).
Patrick Sarsfield Morrison (IX on XI).
Norman Jack MacLeod (IX on XI).
Ethel Ross (IX on XI).
Annie Margaret Dowling (IX on X).
Evelyn Clara MacLean (IX on X).
Bessie Mabel Grant
Sara Margaret MacLeod
Charlotte Dolena McQuarrie
Christena Mabel Martin
Edith Marcella Critchetı
Eliza Veronica Meagher
John Henry Havelock McTavish
Rena Annie Oliver
Marion Elizabeth Williams
Evelyn Hazel Williams
Ruth Edith Alexandra MacCully
Percy Lemuel Wilmot Embree
rene Edith Reeves
John Dougall Kennedy
Nita May Parks
Myrtle Isabell Irist
Edith Gertrude Peeples
Suzie May Laurie
Susie Minerva Lamond
Mary Jane Cameron
Supplementary (1 candidate).
$\mathrm{U}_{\text {nsuccessful (XI, }}$; X, 21; IX, 46).
PORT HOOD-(67 candidates).
XI. (11 candidates).

Cecilia Beaton
Elias Lewis McDonald
Has LeBlanc
arold Stewart Claud MacDonald
X. (18 candidates).
${ }^{\text {Helena }}$ Doloris Laidlaw (X on XI).
$\mathrm{Ma}_{\text {ma }}^{\text {mina }}$ May Reynolds (X on XI).
ha May MacKinnon (X on X1).

Mary MacDonald (X on XI).
Margaret May Graham (X on XI).
Florence Jessie Chisholm
Mary MacLennan
Mary Catherine MacEachern
IX. (38 candidates).

Lucy Agnes Arsencau (IX on XI).
William Gillis (IX on X).
George Patterson Murray (IX on X).
Annie May MacKenzic (IX on X).
Huena Paula MacEchern
Helen Jane Botherson
Rebecca Ann MacDonald
Catherine Mary Chisbolm
Marguerite Agnes McIsaac
Annie Flavia MacArthur
Mary Janet MacDonald
Catherine Elizabeth Walsh
Margatet MacDonnell
Margaret MacMaster
Annie Mary Johnson
Hilda May Phinney
Margaret MacMaster
Unsuccessful (XI, 11; X, 18; 1X, 38).
PUGWASH - (40 candidates).
XI. (6 candidates).

Mary Marie MacMillan
Jennie Howard

> X. (18 candidates).

Hazel Veta Darragh (X on XI).
Sarah Howard (X on XI).
Ethel Lola Marshall
Myrtle Josephine DeWolfe
Vina Mary Mills
Carolyn Gorden Lowden
Lida Elsie Kennedy
Douglas Clare Borden
Mabel Lavinia Harpell

$$
\text { IX. ( } 16 \text { candidates). }
$$

Lavini, Millicent Victoria Colburn (IX on X).
Celia Frances King (IX on X).
James Perry Simpson
William Sherman Henderson
Eva Ma jorie MacKeil
Emma Doretta Leed
Unsuccessful (XI, 2; X, 9; IX, 12).
RIVER JOHN-(43 candidates).
XI. (12 candidates).

Edith Catherine Skillen
Helen Mary McKay

Angus Lloyd MacLean
John Alexander McKay

> X. (12 candidates).

Lilian Henry (X on XI).
Christena Bell Baillie
Annie Isabella Robertsen

> IX. (18 candidates).

Florence MacLennan (IX on XI).
Paul Taylor MacKay (IX on XI).
Robett Earl MacKay (IX on XI).
Vera Joanna Bigney (IX on X).
Annie Jennie Bell Hamilton (IX on X).
Annabell Maxwell (IX on X).
Barbara May Baillie (IX on X).
Nina Munro Henry
Jean Verlie McLean
Christena Suther'and McLennan
Margarita McLeod
Helen Gordon Ross
Mary Mildred Robertson
Annie Jane Tattrie
Supplementary ( 1 candidate).
Unsuccessful (XI, 3; X, 6; IX, 11).

## SHEET HARBOR-(37 candidatts).

XI. (6 candidates).

Esmeralda Hilchie
X. ( 15 candidates).

Olive Jeanetta Leslie (X on XI).
Flora Theresa Frasei
Dorothy Erna Hall
Essie Venetta James
Bertha Musiel Helena Keating
Alice Vent Newcom: ${ }^{\text {e }}$
Delilah Mze Pace
Effie Viola Rutledge
Pearl Hall Rutledge
Lelia Lucy Smith

> IX. (16 candidates).

Eileen Genevieve Fahie (IX on X).
Sedella May Myers (IX on X).
Siserena Maria Shiers (IX on X).
Lucy Katharine Smith (IX on X).
Dorris Rita Ba khouse
Beulah Majorie Beaver
Harry MaGregor Dunn
Vivian Ceclia Gammon
Christina Pearl Hartling
Edith Margaret James
Supplementary (1 candidate).
Unsuccessful (XI, 3; X, 2; IX, 10).

SHELBURNE-(49 candidates).
XI. (9 candidates).

Dorothy Bernice Bower
Helen Felicia Nickerson
Isaac Philip Goldberg
Russel Porter Bower
X. (16 candidates).

Pearl Anita Gibson (X on XI).
Jenipher Pemberthy Hood
Alice Sophis Ernst
Hazel Pearle DeWolfe Curry
Dorothy Agatha Morton
Jennie May Turner.
Ethel Elenore Harris
Gladys Elmore Bower
Eldred Leslie Freeman
IX. (24 candidates).

Mary Gertrude Brown (IX on XI),
Mary Anna Elizabeth Buchanan (IX on X ).
Geraldine Roberts MacKay (IX on X).
Stuart Crews Muir (IX on X).
Elizabeth Cora Anna Buchanan (IX on $\mathrm{X})$.
Myra Amelia Seaboyer (IX on X).
Myrtle McLean
Ida Clara Luella MecKay
Robie Arthur Nickerson
John Oates Bower
Gordon Murpny Bruce
Simon Noah Goldberg
Frank Milne Blanchard
Sherlock Charles McGill
Stanford Kenneth Kenney
Dorothy Acker
Honora Seldon Thorburn
Winnifred Elphemia Bower
Emily Harlow Dunlop
Nina Louise Purney
Elmina Leonette Snow
Unsuccessful (XI, 1; X, 4; IX, 10).
SHERBROOKE-(36 candidate8).

> XI. (7 candidates).

Flotence Kathleen Pye
James William McDonald
Lavinia Addean MacLellan
Lottie Cornealy
X. (10 candidates)

Florence Maud Ferguson
Forrest Gould McDenald
Neil Bruce MacDonald
Mildıed Beatrice Warner
Acil Fulton Blakley
Wilfred Walter Glencross

Emma Louise MacLean (X on XI).
Helen Addean MacDonald (X on XI). IX. (19 candidates).

Mary Gertrude Mac Millan
Dorothy Kathryn MacDonald
Hugh Graham MacDonald
Bruce W. MacDonald
Muriel Grace Jollota
Jennie Greta Redmond
Edna Grace Archibald
William Archibald Mason
Helen Louise Holland (IX on XI).
Ida Lyall Morris (IX on X).
Insuccessful (X, 3; IX, 11).
SPRINGHILL-(99 candidates).
XI. ( 17 candidates).

Iris Mary Berridge
Laura Isabel Davison
Joseph Adamson Nicolson
Trevor Morgan Jones
Thelma Grace Roblee
Emma Maude Soley
Charlotte Annie Jones
Lena Isabelle Ccon

> X. (38 candidates).

Ruby Cecelia McLaughlin (X on XI).
Agnes Wylie Murray (X on XI).
Helen Elmyra Tabor (X on XI).
Harold Nelson Soley
$\mathrm{Emma}_{\mathrm{M}}$ Marion Fullerton
Mary Ann Albion
Hughena Ross Beaton
Ella Mabel Corkum
Edith Alma Embree
Oleven Gertrude Jones
Jane Lysaght
Marth M
Martha McIsaac
Jessie Coghill Moss
John William Merritt
William Roberts Fillmore
Annie Ashford Paul
Jewel Conway Murray
Jewel Meurdina Bell Murray
Floss
lossie Flo Mills

## IX. (44 candidates).

Cladys Wilson (IX on XI).
Mary Margaret Beaton (IX on XI).
Christenal
Georgia Blente Murray (IX on XI).
Isorgia Blenkhorn (IX on X).
Violette Campbell (IX on X).
Annie Sara May Coon (IX on X).
Viviennarah Cottenden (IX on X).
Nellienne Thelma Embree (IX on $X$ ).
Etlie Odessa King (1X on X).
Etta Merle Sherman
Roxanna Eliza McKenzie

Marie Berenice Smith
Elbert Paul
Edna Pearl McPherson
Vera Maud Terris
Sadie Batist
Viva Beatrice Crawford
Leonce Susan Cove
Annie Eliza Malloy
Emma Catherine McKinnon
Calvin Thomas King
George Smith
Archie Terris
Laura Sarah Roney
Florence Mae Newman
Frederick Cudhea
Elizabeth Margaret Ouiton
Elizabeth Abbot Hall
Lela Paul
Pearl Mae Fullerton
Unsuccessful (XI, 4; X, 16; IX, 23).
STELLARTON-(49 candidates).

> XI. (10 candidates).

Henry Charles Schomberg Elliott

$$
\text { X. ( } 15 \text { candidates). }
$$

Sarah Grant MacDonald (X on XI).
Edith Elizabeth Andrews (X on XI).
Annie Christina Hattie ( X on XI).
Olive Dolena Fraser
Jean Gertrude Munro
Teresa May Young
Alice Louise Boutilier
Mary Isabelle MacLeod
Ora May Stewart
Elizabeth Elena Fraser

> IX. (24 candidates).

Mary Ann Cameron (IX on XI).
Lillian Thompson (IX on XI).
Marie Germaine Hennes (IX on XI).
Harry Newton Howard (IX on X).
Gertrude Hazel Cripps (IX on X).
Leo McLean (IX on X).
Annie Victoria MacDonald (IX on X).
Florence Ethel McLennan
Gertrude Lillian MacKenzie
Edith Munro
Marguerite MacKenzie Sample
Greta Muriel Gilroy
Hazel Florence Munroe
Angus Bernard MacGillivary
Wilfred MacDonald
John Higson
Lawrence MacKenzie
Sarah Elizabeth Penketh
Margaret May Gordon
William Osborne Ross
Dorothy Margaret Cameron
Unsuccessful (XI, 3; X, 4; IX, 10).

## SAINT PETERS-(79 candidates).

XI. (5 candidates).

Lydia Jane Ross
X. (29 candidates).

Dora Catherine Kemp (X on XI). John Joseph l.afford (X on XI).
Charles Cletus Boucher
Annie Christina Kemp
Clare Winifred Kyte
Cecil Clyde McAskill
Catherine Sophia McInnes
Roderick Holmes
Flora Catherine McKay
Duncan Ewen Matheson
Annie May MacLean
Florence MacIntyre
Katherine McCuish
Agnes Catherine MacCuish

> IX. (45 candidates).

Margaret Jessic MacPhie (IX on XI).
Annie Chisholm McKenzie (IX on X).
Sara A. MacDonald (IX on X).
Annie Laurie Coffey (IX on X).
Mary McNeill (IX on X).
Christine MacCruspic (IX on X).
Helen Catherine McDonald (IX on X).
Jean Muriel Strachan
Malcolm John McLeod
Dora Viola King
George Arnold Sampson
Nellie Sarah Holmes
Margaret Sybil MacCuspic
Rachel Margaret Ferguson
Lauchlin Joseph Sutherland
Margaret Mary Jackson
Annic Belle Cameron
Martin Henry Bushie
John Angus Currie
George Joseph Coffey
John Alexander Jackson
Charles William MacKenzie
Dan Murdoch MacKenzie
Alexandra Ross
William McIntyre
Unsuccessful (XI, 1; X, 11; IX, 27).
LOWER STEWIACKE-(47 candidates).
XI. (6 candidates).

George Hudson McCleave
X. (14 candidates).

Robert Vein Fulton (X on XI).
Judson Prive Crowe
Percy Karl Mosher
Alice Irene Mitchell

Bertha Annie Wardrope
Isaac Starrak Irving
Angus Nelson Larabee
Helen Merle Reeves
Edith Catherine Lockhart
Florence Swimburne Kent
Qecil Rae MacDonald
IX. (26 candidates).

Aubrey Claude Ashley (IX on XI).
Jessie Beatrice Sutherland (IX on XI).
Margaret Isabel Snide (IX on XI).
Edna Helena McFinley (IX on XI).
Edith Lillian Brown
Mildred Gertrude Wardrop
Gladys Elizabeth Spares
Jessie Isabel Madill
Annie Mabel Kerr
Alice Constance Pooley
John Rae McCleave
Selwyne Crowe
Edna Helen Power
Annie Mable Gibbon
James Lindsay Corbett
Ethel Marion Ross
Josie Bertha Geldart
Mary Lucinda Reid
Myrtle Muriel McKenzie
Helen MacLeod Bowers
Supplementary ( 1 candidate).
Unsuccessful (X, 4; IX, 10).
SYDNEY-(299 candidates).
XII. (18 candidates).

Henry Christopher Mills
Helen Claire MacDonald
Dorothy Merle Boyd
Ella Adams Cunningham
Walter Alexander Colquhoun
Helen Clina Bosdet
Jennie Violet Murray
Anna Margaret Murray
Catherine Ellen Cameron
Donald Alexander McLeod
Munroe McLeod
Leta Marie Cochrane
Margaret Susanne Martel
William Albert Spurr
Albert Henry Israel
Frances Willard MacLean
XI. (50 candidates).

Jennette MacLeod (XI on XII).
Claudia Ross Newcomb
Eliza Evangeline Harnes
Franklin Avery Campbell
John Alexander Moir
Margaret Katherine MacMillan
Sadie Johnson

Amy Gertrude Nicoll
Irene MacKenzie MacLeod
Wilfrid James Jackson
Hilda Mackinnon
Ruth Irene Morrison
Isabel Frances Bayer
Christine MacKenzie MacLeor
Helen Marguerite Boyd
Florence Belle Thompson
Clotilda Rita Baker
Christina Claude MacAskill
Mary Hislop Mcl.cod
Pauline McKenna
Caroline Anne Macdonald
Catherine Victoria Campbell
Marie Christina McNeil
Ethel Blanche Reid
Leo Gorman McKenna
Joseph McInnis
Joseph Patick McCarthy
Eric MacDonald
James Edward McArthur
Charles Anderson Murray

## X. (86 candidates).

${ }^{B} \mathrm{~B}_{\text {essie }}$ McIsaac (X on XII).
Bessie Robertson (X on XI).
Annie Belle Rankin ( X on XI).
Arene Phillips (X on XI).
Ma Cameron MacDonald ( X on XI).
Kadeleine Ida Murphy (X on XI).
Katherine Gallagher (X on XI).
Mary McIsaac (X on XI).
$H_{\text {Hary }}$ Josephine Gillis ( X on XI ).
$M_{\text {Mah }}$ McDonald (X on XI).
Nina Florence MacNeill (X on XI).
$\mathrm{F}_{\text {reda }}$ MacNeill (X on XI).
${ }^{\text {Johederick Lawrence Kyte }}$ ( X on XI)
Min Joseph Campbell ( X on XI).
$\mathrm{XI}_{\mathrm{I}}$ ). Roderick Campbell (X on
Margar
Margaret Dollena Mackinnon
Florgaret Anita Bannerman
Jessie Tre Craven
Cassie Travis McAlpine
Ethel Morrison
Jessie Mae Stewart
essie MacDonald
$S_{\text {Ophi }}$ Catherine McKenzie
Perry MacLeod
$\mathrm{D}_{0}$ elly Stanley Cochrane
Nellena McLeod
Margareorginia Andrews
Margaret Anne McArthur
Zelica Margaret Beaton
Marjoriellette
Marjorie Christena McPhee
Mardena McDonald
Mary Margaret McMullin
Murray Jerome Rice
Eliray Wardrope Campbell
Ei izabeth Irene Macaulay
Matilda White Cameron
$J_{0 h_{n}}$ Henry Margat Cameron

Edward Danstrom
Purves Millar
Viola Mary MacNeill
Mary Jane Morrison
William Edmund Bown
Daniel William O'Rourke
Elisha Hines
Frank Gordon Wilson
Ella MacDonald
Gladys Eva Glover
Edward Alfred Bayer
Roy Bown
Adela Irene Duchemin
Clande Sartous Richardson
John Morrison
Malcolm John Macaulay
Helen Mary Edens
Jimina Gillis
Mary Catherine McNeil
Teresa Keats
Sam Campbell
Frances C. Munn

> IX. (145 candidates).

Bertha Helen Sargeant ( XX on XI).
Hilda Bezanson (IX on XI).
Minnie Marie Penny (IX on XI).
Charles Reginald Itixon (IX on XI).
Lillie Edna MacDonald (IX on XI).
Angus Macleod (IX on XI).
Elizabeth Drusilla Cooper (IX on X).
Stclla Catherine Hilchey (IX on X).
Verna Florence Richardson (IX on X).
Mildred Eugene Konig (IX on X).
Clyde Whitman Woodin (IX on X).
Agnes Bernedetta McAulay (IX on X).
Annie Margaret Ellis (IX on X).
Edward Lawrence McDonald (IX on
X ).
Arthur Lawrence Purcell (IX on X).
James Frances Gillis (IX on $X$ ).
Dan Cornelius McPherson (IX on X ).
Herbert Stewart Gray (IX on X).
Catherine Bell MacLeod (IX on X).
Catherine Mabel Macalder (IX on X).
Carrie Tobin (IX on X).
Mary Gertrude MacNeil (IX on X).
Helen Sophia Calver
Jessic Mae MacRae
Mary Elvira Jean Gunn
Margaret Frances Blake

## Elma Blanche Israel

Vera Helen Nicoll
Annie Sarah McKenzie
Marion Janet Smith
Helen Jean Bannerman
Catherine Jessie MacL.ennan
Lavinia Bright McCabe
Mary Rachel McKinnon
Margaret McLeod
Gertrude May Weeks
Myrtle Viola Trask
Edith Stewart
Matilda Bessie Anderson
Lillian Becker

Jessie Nina Richardson
Florence Isabel Hunt
Sarah Margaret Walker
Edith Catherine MacRac
Kenneth John MacMillan
Emma Marie Spur.
Gladys Irene McGillivray
Minnie MacKenzie
Eleaner Elizabeth Amos
Mary Josephine Dawe
Jean Kathleen Buist
Annie Myrtle Moreshead
Florence Pike
Annie Leila Randall Morrison
Annif. Margaret McIntyre
Muriel Elizabeth Muggah
Jennic Laura MacKinnon
Gecrge Harry Midgley
Murdoch Frank MacLean
William Alexander Douglas (iumn
Lawrence Hugh McIsace
Daniel Peter McDonald
Norman Engleman Douglas
Adam Lilly Boyd
George Ted Ritcey
Irving Abramson
Earle Thomas Rudderham
Frank Wilfred McPherson
Roy Bert Woodill
Blanchard Perry Dodge
Charles Neil McPherson
John Malcclm McNeil
Lawrence James Morrison
John Francis Connolly
Andrew Torrance Marshall
David Elman
Donald Samuel Mclean
Sidney Sewell McCuish
George Mahoney Peckham
Donald Mackeigan
Lewis Carlyle Camphell
Annie Martina MacArthur
Mary Ann McDougall
Nora Mary McCarthy
Annie Mary Currie
Elizabeth Casilda Young
Mary Dorothy Connolly
Katherine Francis Doyle
Catherine Curry
Margaret Ann McDonald
Mary Christina Campbell
Frances Muriel Robertson
Robert John McCharles
George Robert Cunningham
Mary Beatrice MacDonald
Annie May McEachern
Della Caroline Harkins
Josephine Teresa Collison
Harold Roderick McCharles
Katherine Greens
John Langley Cameron
Jennie Ellen Harkins
Mary Elizabeth Gouthro
Mary Bell Gillis
Maria MacNeil
Katherine Camphell

Margaret Macaulay
Mary A. Monica McDonald
Agnes Isabel Curtis
Victoria Evelena Robertson
Marion Cecilia Gough
Charles Stuart Robson
William Philip Campbell
Edna Baker
William Wright Lorimer
Martha Marie Gillis
Louise Angela MacNeil
Jane Amelia Hawley
Hannah May McIntyre
Unsuccessful (XI, 1; X, 24; IX, 48).
SYDNEY MINES-(76 candidates)
XI. (17 candidates).

Ada Lillian MacLecd
Harriet Agnes Allen
Mary Arthur
Nellie Christena Fraser
Myrtle Glenday Gillmore
Vera Irene Mosher
Margaret Brown Oran
Eva Josephine McLennan
Howard Weldon MacDonald
John MacDonald

> X. (27 candidates).

Louis Somers (X on XI).
Katherine McDonald ( X on XI ).
Margaret Josephine Gillis (X on XI).
Clarence Everett McDonald (X on XI).
Elizabeth Susan Dawe (X on XI).
Alfred William Barrington Burchell
Alexander Ross Fraser
Harry Exmouth Langwith
Frederick Lee
Effie Mabel Indee Hallett
Jean Mabel Turner
Marion Rebecca McDonald
Martha Aliene MacDonald
Pearle Forgan
Henrietta Kay
Annie Isabelle McNeill
Mary Agnes Dunne
May Austin Francis
Allen McIntyre
Margaret McNeil
Gertrude Mary Wyllie
Alexander O'Handley
William Dunlap
Mabel Fraser

## IX. (32 candidates).

Elizabeth Harrietha (IX on XI).
Emma Snov: (IX on X). (IX on X).
Emma Whidden Greenwell (IX X )
David Hector Irvine (IX on $X$ ).
John Berchmans Butts (IX on X).

Annie Ethel McDonald (IX on X)
Jessie McNeil (IX on X).
John James McIntyre (IX on X).
Josephine Harrietha
Catherine Mary McDonald
Cecilia McNeil
Marguerite Arsenault
Annie Kane
George McNamara
Ronald B. O'Handley
Frank Gillis
Dan McKinnon
Mary McIntosh
Donald Brown
Harry Clifton Farnsworth
Thomas Gerald Francis
John Harold Layton
Samuel Marcus
Douglas Turner
George Henry MacDonald
Olivia Victoria Bridge
Lillian D'Orsay
Florence Harvey
Mary Langwith
Viona Mitchell
I.illian Edna Morrison

Annie Winnifred McLeod
Mary Catherine MacQuarrie
Ellen Jane Vickers
Jessie Christena Grainger
Sadie Blanche Ferguson
$U_{\text {nsuccessful ( }}$ (XI, 1; X, 1; 1, 4).
TATAMAGOUCHE--(74 candidates).
XI. (19 candidates).

Marion Crawford MacLanders
Minnie Victoria Reid
Ethel Anderson Murdoch
Athel Annie Marie MacKay
Anna Catherine Campbell Murray
Robert Dickson Roach
Jean Stewart MacKeen
Christina Patterson Clark
Sadie Irene McLellan
Allison Louise Wilson
Wary Ann Wilson
Gilliam Russel Kennedy
John ys Ella MacKay
Clady Allison Semple
Dladys Jemina Sutherland
Onald Elmer Sutherland
X. (13 candidates).

Martha Josephine Clark ( X on XI).
Katheryn Sara McKeen
Violet Marguerite Vincent
Greta Edna Foster
Greta Katheryne Cox
Francis Ellen Stevenso
IX. ( 42 candidates).

James Logan Clark (IX on XI).
Viola May Nelson (IX on XI).
Francis Trueman McLellan (IX on X)
Jean Chalmers MarIntosh (IX on X)
Jean Ross (IX on X).
Grace Hazel Millerd
Florence Mildred Hayman
Percy Elmo McKay
Inis Mabel Cassidy
Maud Dana McLellan
Florence Antoniette Forbes
Margaret Dean MacKay
Eva Annie Rhaud
Maud Mildred Stevenson
Marjorie May Stevenson
Beatrice Langille
Minne Gertrude Aitchison
Viola May Tattrie
Lillian Jane McPherson
Nina Eldora Hayman
Minnie Bell Johnstone
Eleanor Bassy Swan
John Wilfred Fisher Byers
Annie Leota Henderson
Unsuccessful (X, 5; IX, 23).
TRURO-(233 candidates).
XII. (13 candidates).

Sylvia Edith Miller
Mary Elizabeth Waller
Lauretta Margaret Smith
Willis Gordon Dawson
Helen Tupper Kent
Lottic Mary Allen
Marion Agnes Doane
Edith Verna Davison
Clare Caroline Hurst
Florence Joy Blackie
Helen Stacey Gladwin
Laura Aileen Blenkinsop
XI. (56 candidates).

George Peter MacIntosh (XI on XII).
Helen Katherine Dunlap
Freda Jane Stack
Ludlow Jackson Weeks
Duncan Rudolph Jnnis
Ida Naomi Carver
Donald Gordon Wilson
Hugh MaKay Ferguson
I. awrence Weslyn Yuill

Mabel Freda Fuller
Annie Laura Hiltz
Elizabeth Crcighton
Grace Dorothy McWhinney
Aline Margaret Fisher
Marion McLean Carter
Florence Myrtle Dickie
Alice Emma Bruce Irving

Fthel Marie Verge
Ethel Josephine Lockhart
Cyrus Archibald Langille
Jean Millet Walker
Ada Lelia Barnhill
Mary Edith Cox
Miles Angus O'Brien
Minnie Dunn Anthony
Helen Mae Bruce
Norah Frances McGee
Alexander Grant MacKenzie
Laura Blanche Fulton
Dorothy Creighton Black
Catherine Eileen Bryan
Emma Grace Horton
Joseph Hunt
Annie Olivia MacDonald
Anna Jean Ross
Isabel Louise Warman
Leonora Mary Schurman
X. (66 candidates).

Percy Waugh ( X on XII).
Flora Maric Dunlop (X on XII).
Bertha Clarice Moore (X on XII).
Elsie Waugh ( X on XII).
William James MacDonald (X on XI).
Georginia Reid (X on XI).
Elsie Jean MacNutt (X on XI).
Guy Boomer Stevens (X on XI).
Grace Margaret Lockhart (X on XI).
Reba Edith Hennesy (X on XI).
Winifred Mae Archibald
Irene Frances Robbins
Sibyl Estella Peel
Jean Neilson Foote
Christie Eleanor MacPhail
Paul Johnson
Warren Ellery Bryson
Margaret Irene Lockhart
Muriel Joy Archibald
Letitia Mildred McGill
Jessie Belle MacKinnon
Leta Daisy Tattric
Susie Green Bailey
Alice Marguerite Crouse
Gladys Mae Lewis
Helen Josephine Stewart
Stella Beatrice Burgess
Annie Letitia Johnson
Verda May Staples
Maud Muriel Cole
James Roland Crowe
Arthur Reginald Prince
Burton Nichols
William Putnam Smith
Carl Robert Dexter
Warren Redvers Ettinger
Marjorie Victoria Horton
Joseph Ronald Norrie
Charles Wendell Dewis
Kathleen Winnifred Stedham
Erma Eunice Johnson
Winifred Edna Doane
Hazel Jean Smith

William Keir Murray
Annie Marion Cox
David Lawrence Harrison
Elizabeth Lavinia McCallum
Julia Marguerite MacKenzie
Emma May Halliday
Kathleen Mary Marshall
Florence May Valentine Miller
Lillias Catherine MacMillan
Annie Marguerite Crowe
Eugenie Margaret Crowe
Helena Eileen Kemmis Hogan
Phyllis Campbell

## IX. (92 candidates).

Arthur Bernard Parker (IX on XI).
Donald MacDonald Stewart (IX on XI).

Mary Jane Kennedy (IX on XI).
Zaide Idella MacCleave (IX on XI).
Mabel Kathleen Courtney (IX on XI).
Madeline Hill (IX on XI).
Violet Gertrude Daniell (IX on XI).
Evelyn Janc Cavanagh (IX on XI).
Abigail Amanda Jacques (IX on XI).
Mabel Claire Pearson ( X on X ).
Walter Milford Nelson (IX on X).
Beatrice Minnie Fraser (IX on X).
Grahan Walcott Youill (IX on X).
Karl Creighton Fraser (IX on X).
Cyril LeRoi Hayman
Frank Eliot Archibald
Violet Annie Johnson
Beaulah Maie Cox
Muriel Dickie Kent
Ruby May Thompson
Beatrice leila Irene Innes
Dorothy Rose Leben
Lily Gordon Archibald
Mary Tupper Ellis
Ruth Somerville Wilson
Hazel Irene Fisher
Charlie John Duke Arlams
Edith Irene Phillips
Mabel Ethel Clarke
Dorothy May Dickie
Dorothy Swaine
Vera Jane Kennedy
Ellen Trider Lindsay
Nellie Muriel Lynds
Winnifred Eileen Roebuck
Iona Aleen Miller
May Elizabeth Goodwin
Perley Rettie Little
Ellen Stuart MacDougall
Elizabeth Sophia Kennedy
Herman Arthur Mahon
Claude Seward Davis
Leslie William Loughead
Albert William Trueman
Hazel Wissner
Mildred Pauline Salter
Augusta Earle Davis
Mildred Murray Thomas
Hazel Blanche Whidden

Laurie Marjorie Edwards
George Geddes
Donald Fulton Putnam
Ernest Albert Nelson
Kathryn Mary Wilson
Ino Nelsie Vincent
Beatrice Evans
Verna Georgie Dunn
Myrtle Viola McLaren
Georgiana Ellen MacDonald
John Bernard Quinn
John Nelson Biswanger
Walter Howard Casson
Walter Howard Casson
Edith Lillian Fowlie
Lillian Alice Corbet
Effie Shirley MacCurdy
Ross McHenry Barteaux
Grace Agnes Warman
Melen Elizabeth Pollock
Muriel Ada Brown
Adlward Harold Bruce
${ }^{\text {Allison Trueman Lynds }}$
Wilfred Crowell Lynds
James Roberel Sutherland
John May Cavanagh
Gehn Rettic Sumner
Corge Athatt Eaton
Cora Caroline Norrie


$$
\begin{gathered}
\text { UPPER } \\
\substack{\text { sTEWIACKE-- } \\
\text { dates). }}
\end{gathered}
$$

XI. (5 candidates).

Jean Evelyn Fisher

> X. (19 candidates).

Anna Belle Rutherford ( X on XI).
Ethel
Ethel Belle Rutherford (X
Winnifred Elizabeth Conroy
Nonnifred Elizabeth
Frana Gammell Cox
Frances Ingleby Foster

Adameth Cox
Mabickie Fulton
Mabel Frances Fulton
Martley
Elsie Pearet Amelia Reynolds
$D_{\text {Orote }}$ Pearle Fisher
Jessie E Campbell Creelman
Esie Ena Rutherford
I illien Norma Stewart
Maud Lockhart
IX. (19 candidates).

John Floyd Creelman (IX on XI).
Augustama Rhyno (IX on XI).
A iubrey Curzie Stewart (IX on XI). Bespey Currie Johnson (IX on X). hneodore Fraser Johnson (IX on X). Victoria Fulton

Jean McQuarry Davidson
Muriel Deane Fulton
Olive Ada Blaikie
Philip Cox
Christy Frances Grant
Willie McQuarrie Crocker
Laura Alice Bentley
Elizabeth Frances Smith
Frances Geddes Miller
Laura fave Redmond
Alice Cairns Archibald
Jean Stark Deyarmond
Vnsuccessful (X, 3; IX, 5).

> WAlLACE-(46 candidates).
XII. ( 1 candidate).
XI. (16 candidates).

Ruth Elizabeth Porteous
Fannie Vivian MacIntosh
James Doncaster I.angill
Marjorie Gould Robertson
Britta Canfield
X. (13 candidates).

Fannie McKim Layton ( X on XII).
Clara Webster Beattie (X on XI).
Margaret Amelia MacFarlane
Nina Vivian Huestis
James David Drysdale
Eva Gertrude Beattie
Jean Isabel Maclntosh
Bertha Louise Johnson
James William Sutherland
Annie Rebecca Scott
Edith MacFarlane
Thomas Archibald Robertson
Jessie Drysdale

> IX. (16 candidates).

Eva Haverstock Seaman (IX on XI).
Janet Carlyle (IX on XI).
James Trueman Canfield (IXIon X).
Byron Claude Edgett (IX onzX).
Wallace Bentley MacKenzie
May Anderson MacIntosh
John Ormond Stewart
Flizabeth Blanche Purdy
Fred Victor Myers
Harry Norman Wrathall
Lillie Olive Berry
I.ydia Albertha Chambers

Unsuccessful, (XI, 5; X, 3; IX, 8).
WESTVILLE-(76 candidates).
XI. (19 candidates).

Ethel Pearl MacGillivary
Carnima Alexandra Ross

Marguerite Crockett
Annie Norma Wiltshire
Kathleen MacIsaac
Lottie May McLeod

## X. (26 candidates).

Marion Frances Smith (X on XI).
Violet Hattie Powell (X on XI).
Margaret Muriel Goode (X on XI).
Irene Mary Matheson ( X on XI).
Ina Evelyn Wilson
Pearl McDonald
Christena Sutherland
Bertha Sutherland
Esther Diamond
Alfred Putnam Frame
Bernard Chisholm
Jessie I aura Campbell
Margaret Esther Sutherland
John George Henry Sutherland
Robert Magnas Fraser
Ruth Kathleen Chisholm
Fergus William Ferguson
Marion Drummond McCunn

## IX. (30 candidates).

Jean Blackwood Dick (IX on XI).
Annie Muir (IX on XI).
Jean Lorrimer (IX on XI).
Miriam Violet McNairn (IX on XI).
Emma Hazel Fraser (IX on XI).
Viola Mary Sinclair (IX on XI).
Edna Maude MacLeod (IX on XI).
Jennie Christena MacKay (IX on XI).
Jean Matheson Munroe (IX on X).
Evelyn Hope Munroe (IX on X).
Jessie Ann Esther Ross
Ella Sexton
Alice Maude Workman
John Hayward Munrue
Thomas Nelmes
Flossie McKay
Irene Elizabeth Roy
Estelle Jane Saunders
Allan Hibbert MacQuarrie
Hugh Joseph McMillan
Annie Irene Cameron
Mary Olive Maddin
Leola Alice Campbell
Catherine Jean Donalda Fraser
Frederick MacDonald
Mary Alexandra McCunn
Supplementary ( 1 candidate).
Unsuccessful (XI, 1; X, 10; IX, 14).
WINDSOR-(151 candidates).
XI. (31 candidates).

Cecil Harry Riley
Sybil Eileen Gourley
Frederick Whitman Greenough

Christina Sophia Elderkin
Una Giralda Evangeline Jenkins
Madge Alice Daniels
Hazel Anetta Hart
Arthur Emerson Harison
Grace Gladys I antz
Mildred Dorothy MacDougall
Mabel Gladys Cochrane
Whilhelnina Rebecca Northup
Evelyn Mary Harris
Hazel Thelma Brown
Gladys Frizzle
Annic Louise Baizley
Angie Alelia Brownell
Lillian Maud Lingard
X. (47 candidates).

Myrtle Muriel LeCain (X on XI).
Beatrice Brunhilda Burgess ( X on XI ).
Kathleen Vivian Sanford (X on XI).
Gladys Ada Crossley (X on XI).
Helen Walker Winning (X on XI).
Dorothy Yvonne Reid
Bertha Helena Curry
Lawrence Milton Sommer
Clarence Norton Bissett
Sadie Alma Swinamer
Hattie Florence Malcolon
Gladys Jean McKinnon
Annic Grace Barker
Eva Mary Dimock
Marjorie Mary Rosier
Peter Love Walker
Arthur Marvin Dimock
Effie May Robinson
Hiram Smith Farquhar
Karl Eugene Sommer
Florence Churchill Shand
Mary Maria MacDougall
Winnie Rebecca Wood
Ethel May Poole
Myrna Olive Wallace
Violet Ivy Harvey
Eunice Amanda Mason
Dorothy Agnes Coade
Eleanor Margaret Metzler
Marguerite Francis Keddy
Max Chester Vaughan

## IX. (72 candidates).

Meleta Hazel Haley (IX on XI).
Harriett Evelyn Elliott (IX on X XI).
Florence Elizabeth Shaw (IX on
Violette May Baxter (IX on XIX on
Frances Margaret MacDonald (X) XI).

Greta Leeska Withrow (IX on $\mathbf{X}$ ).
Bessie Edna Mason (IX on X). X).
Grace Mildred Vaughan (IX on $X$ ).
Lottie Lawrence Pentz (IX on $X$ ).
Lottie Lawrence Pentz ( XX on X ). X ).
Eileen Helen Doane Jenkins ( X (
Elsie Alberta Knowles
Kathryn Campbell Maclatchy
Rhoda May Lynch

Avery Alfred Smith
Raymond Douglas Johnson
Hugh John Elliott
Clyde Sheldon Fletcher
Eleanor Gertrude Blanchard
Edwin Mitchener Dorman
Jessie Alice Rose
Madge Isabel'e Cochran
Josephine Curry Sexton
Regina Elizabeth Ashe
Ruth Sarah Shaw
Norman Dexter Blanchard
James Lewis Riley
Malian Carrie Johnston
Mary Marjorie MacHarrie
Thelma Grace Benedict
Ethel Florence Brison
Mona Edna Pratt
John Laurence Davison
Gladys Lydia Anne Carr
Nora Jean Hayes
Everett George Shaw
Vera Victoria Card
Nina Helen Bancroft
Florence Irene Saunders
Mary Francis Perry
Berthe Allison Cochrane
Bertha Murray Dill
Mary Bernice MacInnis
Annie May Millett
Ethel Merle Murphy
Ronald Heustis Haley
Dorothy Jean Dill
Mildred Helen Caldwel
Josephine Christie Rathburn
Fran Munroc Spence
Frances Adelaide Davison
Grace Curry
Robert Fraser MacLatchy
Fexic Kirke Lockhart
Faye Russell Mosher
Fiola Ethel MacDonald
$\mathrm{F}_{\text {rank }}$ Harper Curry
$\mathrm{G}_{\text {went }}$
${ }^{\text {G}}$ Wendolyn Neva Croft
${ }^{\text {Frances Curtis Llewellyn Wood }}$
Hazel Bancroft Fleming
Mazel Florence Carson
Madeline Florence Dill
Supplementary (1 candidate).
$\mathrm{U}_{\mathrm{n}_{\text {successful }}}$ (XI, 3; X, 15; IX, 21).
WOLFVILLE-(71 candidates).
XI. ( 11 candidates).

Pauline Margaret Bell Par
Angela Marie Herbin
Marian Elder Grant
Gladys
Mirys Olivia Newcombe
Karl Erace Chisholm
Ernest Maso
Knest Lyle Eagles
Kathleen Blanche Harvey
X. (27 candidates).

Evangeline Hope MacAloney
Phyllis Marjorie Borden
James Rueben Levy
Minnie Blanche Eagles
Abbie Ethel Miner
Dorothy Ellene Illsley
Alice Estella Baird
James Murray Beardsley
Frederick Loran Johnson
Hulbert Hartt Schurman
Arthur Joseph Lingley
Frances Eaton DeWolfe
Arlene Eliza Margaret Bishop
Marjorie Allison Wickwire
IX. (31 candidates).

Marjorie Elizabeth Murphy (IX on XI).

Helen Elizabeth Wright (IX on XI).
Lillian May Borden (IX on XI).
Nellie Iola Hardacker (IX on X).
Gertrude Leorna Ruthbuin (IX on X).
Mary Ilena Bresnan (IX on X).
Rei Leslie Fry (IX on X).
Alice May Rose
Annie Laura Throop
Margaret Letitia Lord
Marguerita Joy Cutten
Gladys May Jones
Ruth MacIntyre Morrison
Marcia Earle Calkin
Mildred Aileen Simson
Felice Evangeline Herbin
John Gesner Crowell
Frederic George Theodore Herbin
Harold Fred Jones
Walter Rand Johnson
Theodore Harding Rand
Nina Beatrice Wickwire
Helen Corcita Young
Jessie Evelyn Wyman Porter
Mildred Beatrice Pick
Muriel Gertrude Angus
Carrie Borden Allen
Merle Hilburne Mason
Bessie Erminia Coldwell
Agnes Florence Smith
Helen Katherine Hogan
Jessie Evelyn Palmeter
Supplementary (2 candidates).
Unsuccessful (X, 9; IX, 6).
WOODS HARBOR-(39 candidates).

## XI. (6 candidates).

## Verna Bonita Nickerson <br> Norma Enclla Nickerson <br> Andrew Crowell

## X. (11 candidates).

Elna Maude Swimm (X on XI).
Sadie Regina Nickerson
Reta Geraldine Nickerson
Smith Asa Nickerson
Mabel Evangeline Kendrick

> IX. (22 candidates).

Helen Crowell Smith (IX on X).
Manie Alberta Nickerson
Lizzie Rachal Goldberg
Lila Eleanor Brannen
Ethel Eva Nickerson
Sarah Ruben Lyons
Winfield Forbes Abbott
Carrie Evelyn Wilson
Marion Letitia A.len
Elizabeth Myra Smith
Mabel Beatrice Kenney
Mary Laurenia Smith
David Arthur Gordon Smith
Unsuccessful (XI, 2; X, 6; IX, 10).
YARMOUTH-(189 candirlates).
XII. (8 candidates).

George Dimock Skinner
Frederic Alexander Lewis
Mortimer Villiers Marshall
Malcolm Robert_Pitman
XI. (29 candidates).

Vera Gould Goreham (XI on XII).
Orpha Beryle Saunders
Marion Williams Hilton
Margaret Donaldson Kirke
Lila Corning Porter
Florence Helen Milestone
Starr Cameron Rogers
Hilda Gertrude Simms
Gertrude Rose Haley
Jennic Edmunds Corning
George Victor Burton
Andrew Leo Doucette
Max Murray Schurman
Hila Annie Surette
Blanche Emelda d'Entremont
Bernice Evangeline Amirault
Mary Clemente d'Entremont
Bertha Willetta Churchill
Verna Ella Harding
Orpha Greeno Churchill

> X. (74 candidates).

Madelon Elizabeth Locke (X on XII).
Mary Wyman (X on XII).
Pearle Beatrice Hildyard (X on XI).
William Harold Floyd (X on XI).
Muriel Annis Cann (X on XI).
Camille Pierre Pothier (X on XI).

Regina O'Dell Amirault (X on XI).
Dorothy Whalen Butler
Jean Margaret Godfrey
Ruth Edna Crosby
Angela Geele
Hilda Rhoda Wyman
Evelyn Hope Crowell
Elizabeth May Pippey
Ethel Winnifred Phillips
Delina Rose Moir
Dorothy Beatrice Cook
Walter Scott
Edgar Gordon Harding
Paul William Maniger
Thomas Bernard Vickery
James Albert McMellon
Henry Mitchell DeWolfe
Edwin Van Noordan Porter
Ronald Herbert Poole
Maurice Levine
Alfred Perry Trask
Jessie Marguerite Amirault
Emillie Annie d'Entremont
Smith Albert Hilton
Albert Jacobs Cann
Beulah Irene Mullin
Philoman Augustine Pottier
Narcisse Laurent Pothier
Alton Ford Crowell
Elizabeth Grace Ricker
Marion Byers Sollows
Thomas Donald Perry
Jessie Maud Pitman
IX. (75 candidates).

Budah Muriel Van Amburg (IX on XI).

Mary Beatrice Bourque (IX on XI). ).
Benjamin Ralph Hamilton (IX on XI).
Edith Ryerson Fleet (IX on X).
Jessic Louise Ryerson (IX on X).
Jennie Churchill Allen (IX on X).
Margaret Jean Chisholm (IX on X).
Janet Marie Hatfield (IX on $X$ ).
Charles Victor Porter (IX on X) $\mathbf{X}$ )
Hubert Harry Comeau (IX on X).
Hugh Dane Cann (IX on X).
Robert Henry Belmont Hildyard (IX on X ).
Mamie Mary Doucet (IX on X).
Laurie Fitzgerald (IX on X).
Hattie Winnifred Holmes
Kenneth Wilbur Parry
Russell Biyus Curry
Helen Ora Pierce
Arthesa Jane Crosby
Mary Catherine Bourque
Mary Helen Bourque
Florence Pottier
Mary Rosalie Pottier
Lillian Maude Raynard
Agnes Beatrice Muise
Ethel Francis Sidmore
Ralph Everette Porter
Gertrude Morey Lewis

Mary Harriet Josephine Pitman
Annie Maude Pippy
Arthur Wellington Wyman
Bertha May Cossar
Florence May Reynolds
Verna Reta Roberts
Hattie Ellenwocd Gate
Lena May Bower
Ernest Aubrey LeBlanc
Thomas Oliver DeWolfe
Charles Everett Villiers Marshall Harry Atkins
Douglas Crosby Wyman
Seymour Corning Crowell
Ernest Sewald Gudley
Ralph Schurman
James Killiam Fleet
Augh Edgar Kelley
Arthur Raymond Hopkins
Pierrie Scott

Wilma Hester Allan
Jessie Theodosia Wallis
Madelyn Grace Guest
Fannic Hains
Annie Hains
Regina Frances Comeau
Dorothy Winifred Bambrick
Mary Helena McKinlay
Margaret Mary Adams
Marion Francis Bezanson
Alice Hilton Carey
Angelina Mary Pottier
Amy Vivian Hatfield
Maud Evelyn Reeves
Supplementary (3 candidates).
Unsuccessful (XII, 1; XI, 2; X, 30; JX, 27).

## PASS LIST, 1916.

## UNIVERSITY GRADUATES' TESTING EXAMINATION.

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

No. 4. John Park MacQucen, B. A. (Dal.).

## Partial.

(Minor). Arthur Gordon Melvin, passed in English (Major and Minor); Geology John Patrick Martin, passed in French (Major and Minor).
(Minor); Geth MacWhinnie, passed in English (Minor); French (Minor); Biology , Geology (Minor).
$L_{\text {atin }}$ Lois $^{\text {Sois }}$ Sutherland Creighton, passed in English (Minor); Geology (Minor); (Minor). Sister Marie Agnes, passed in English (Minor); Latin (Minor); Greck
(Minor); Mary Berchmans, passed in English (Minor); Latin (Minor); Greek or); Mathematics (Minor).
John Campbell Distant, passed in Latin (Minor); Chemistry (Minor).
Juanita May White, passed in Biology (Minor).
Velma Jane Moore, passed in German (Minor); Chemistry (Minor).
Kate Morrison, passed in Biology (Major and Minor).

## PASS LIST, 1916.

## TEACHERS' PROVINCIAL EXAMINATIONS.

## MINIMUM PROFESSIONAL QUALIFICATION.

[See Comments and Regulations of the Council of Public Instruction, "Licen" sing of Teachers," and Reg. 116, page 100 Journal of Education, April, 1916].

ADVOCATE-(2 candidates).
AMHERST--(23 candidates).
Hazel Gordon Morse Second Rank. Katherine Florence Dyas Third Rank Lettitia Myrtle Smith
Helen Beatrice Chapman
Inez Jennette Fillmore
Delia Rebecca Gilroy
Neita Olivia MacDowell
Reginald Nelson Ripley
Lizzie Matilda Smith Rose Trerice
Edith Mary Brownell
Mary Clarissa Etter
Laura Elizabeth Vivian Eldridge
Donald Gordon MacGregor

> ANNAPOLIS--(14 candidates).


## ANTIGONISH-(69 candidates).

John Ignatius McNeil First Rank. Angus Anthony Johnston
Mark Edward Murphy Second Rank. James John Ryan Hughes
Catherine Ann McPherson
Mary Marjorie McDonald
James W. Chisholm
Margaret Mary MacDonald
Third Rank.
Alex McDónald
Richard Valentine Bannon
John Archibald McDougall
William Thomas Trainor
Mary McNeil
Mary Janet Chisholm
Eva Cameron

ARICHAT-(2 candidates).
Marie Evangeline Le-
Blanc
Second Rank.
Aline Euphemie Boudreau Third Rank.
BADDECK-(22 candidates).
Dan John Stewart Third Rank.
Georgina Mary McLeod "
Mary Anna McLeod
BARRINGTON- (8 candidates).
Elsie Louise Reynolds Third Rank. Francis Ethelwyn Reynolds

BEAR RIVER-(14 candidates).
Mabel Davis Wagner Second Rank.
Marion Mabel McClelland

Third Rank.
Ruth Frances Woodworth Frances Pearle Campbell

## BERWICK-(21 candidates).

Amy Peck Kinnie Second Rank.
Margaret Olive MacNeill
Bertha Marjory White
Bertha Grizilda McNeill Third Rank.
Laura May Veinott
Winnifred Muriel Taylor ""
Edna Marjorie Pineo ،
Inez Maud Bryden
BRIDGETOWN-( 15 candidateg).
Laura Idaline Bowlby Third Ranl ${ }^{\text {l }}$.
Marion Jean Horton
Wylie Ethelbert Poole
"
Percy Collins Kempton
"
Muriel Bernice Phinney
BRIDGEWATER-(31 candidates).

## Bessie Louisa Hall

Dorothy Grace Baker
Ralph Roland Harlow

First Rank. First Rank.
Sank.
Third Rank.

Evelena Rebecca Robar Third Rank
Ada Harley Gillmore
Mabel Eveline Hirtle
Ralph Newton Stuart
Rouise Mildred Baker
Rae Julia Hirtle
Mabel Davis Wagner
Ora Ursulla May Weinacht
CALEDONIA-(10 candidates).
Hattie Sophie Kempton Third Rank. Thelma Kathleen McLeod
Viola Alice Nelson
Gladys Mabel Rogers
Jean Burnby Harlow
Jean Burnby Harlow
Vera Lillian Herman
Flora Lillian Herman
Lilliance Augusta Rogers
Lillian Hazel Wile
Myrtle Viella Parke
CANNING--( 12 candidates).
Gertrude Ethel Eaton
Muriel Lucy Eaton
Mary Estella Sheffield
Reta Myrtle Lyons
Alice May Robinson
Irene Mary McFadden
(CANSO-(13 candidates).

CHESTER-(24 candidates).
Hazel Lucille Mitchell Third Rank.
Carmen Dorothy Eisner
Mabel Ruth Whitford First Rank. Second Rank. Third Rank.

Irene Mary McFadden

Mabel Ruth Whitford
Margaret Evans Robinson
Frangaret Evans Robinson Ora Geraldine Boehner Orinaa Gertrude Boylan
Ora Odella Backman
Emma Glendenning Robinson

Oladys Rebecca Publicover
Carrie Irene Publicover
Gerie May Gates
Evelyude Arnison Fredea
lyn Matilda Publicover
CHETICAMP-(No candidates).
CHURCH POINT-(1 candidate).
DIGBY-(4 candidates).
EAST RIVER, ST. MARY'S (2 candidates).
Anna Mary Gunn Ross
FREEPORT-(3
Third Rank.

GREAT VILLAGE-( 18 candidates).
Martha Lucilla Fulton Second Rank.
Eva Dill McCulloch Third Rank.
Alberta Maude Fletcher
"
Elsie Gladys Corbett "
Margaret Marie Chisholm "
Dora Vance
GLACE BAY-(23 candidates).
Jessie Campbell Second Rank.
Mary Anderson Third Rank.
Mary Katherine Stewart
Isadore Levine
Mary Lillian Driscoll
Irene Smith
Bessie Cohen "،

GUYSBOROUGH-(16 candidates).

| Alvenia Silver | Third Rank |
| :--- | :---: |
| Marjorie Gordon Worth | $" /$ |
| Abbie Victoria Jenkins | $" ،$ |
| Winifred Hudson | " |

> HALIFAX-(46 candidates).

Alice Mary Wynne Academic Rank. Margaret Genevive O'Connor "
Isabelle Margareta Carew First Rank.
Agnes Gertrude Donohoe "/
Bertha Keechan
Harriette Jane Jamieson "،
Laura May Gilroy
Anna St. Clair Creighton
Third Rank.
Nina May Faulkner
Roberta McKenzie Forbes "
Gladys Irene Hubley "،
Lottie Etta Otto "
Mary Kathleen Hoare "،
Timothy Fougere ".
Margaret May Power "،
Kudolph Alexander Leopold Clemen

HALIFAX—(BLOOMFIELD)-(4
candidates).
Annie Alice Fancy Third Rank
Rita Elizabeth Hiltz
"
HALIFAX-(ROCKINGHAM)-(34
canc'idates).
Mary Nellie Comeau Academic Rank.
Teresa Roche
Marjorie Claudine McDougall
Sup. First Rank.
Mary Elizabeth Castello
Margaret Agnes McCarthy
Margaret Agnes McCarthy
Angela Imel da Kelly
Marcella Theresa Kilduff
Annie Christine LeBlanc
First Rank.
Annie Christine LeBlanc
Edith Dooley


JOGGIN MINES-(2 candidates).
KENTVILLE-( 10 candidates).

Doris Crosby
Hazel Blanche Steeves
Helen D. Bishop
Isabella Margaret Wambolt Third Rank. Muriel Constance Hiltz

> LIVERPOOL-(26 candidates).

Georgianna Paige Pinneo First Rank.
Freda Marion MacLeod
Shields
Violet Ellis Martin
Susan May Phelan
Jennie Verta Freeman
LOCKPORT-(13 candidates).
George Edward Holden Third Rank.
LOUISBURG-(9 candidates).
Isobel Rachel Susannah Verner

Third Rank.
Florence Margaret Matheson Frederick Ferguson

LUNENBURG-(24 candidates).
Earl Archibald Mersey
Evelyn Beatrice Hebb
Mildred Muriel Smith
Mildred Myrtle Wentzell
Ethel Leila Tannar

Florence Ethel Dauric
Roberta Ora Backman
Tessie Pearl Beck
Doris Belle Mahoney
MAHONE BAY-(30 candidates).
Constance Angelina Zwicker
Third Rank.
Margaret Constance Eisenhaur
Hope Evermore Hamilton
Emily Mildred Keddy "،
Laura Maud Wentzell "
Margaret Ivy Kathleen Ernst
Effie Ellen Lake Zwicker
Jean Anastasia Langille
MAITLAND-(10 candidates).

| Hettie Alexander Sterling | Third Rank. |
| :--- | :---: |
| Katherine Florence Ray | $"$ |
| Leah Teresa Ray | $"$ |
| Gladys McIntosh | $"$ |
| Ethel Elizabeth Drillio | $"$ |
| Aletha Maude Harvie | $"$ |
| Marjorie Emily Custance | $"$ |
| Ruby Corbett Spares |  |

MARGAREE FORKS-(3 candidates).

> MIDDLE MUSQUODOBOIT-(7
> candidates).

Clara Polley Dillman Second Rank. Edith Gladwin Dickie Third Rank. Helena Mae Kent

> MIDDLETON-(24 candidates).

Annie Elizabeth MacLean
Gladys King Daniels $\begin{gathered}\text { Sup. First Rank. } \\ \text { First Rank. }\end{gathered}$

| Marion Averil MacAloney |  |
| :--- | :---: |
| Myrtle Forster Banks | Second Rank. |
| Effie Grace Messenger | $"$ |
| Annie Louise Fales | $"$ |
| Mary Janette Robinson | $"$ |
| Georgie Marguerite Brown |  |
| Edith Gertrude Jackson | Third Rank. |
| Priscilla Leonora Elliott | $"$ |
| Minnie Leota Parker | $"$ |
| Vera Huntingdon Knox | $"$ |
| Lottie Annie Bent |  |

> NEW GLASGOW-(22 candidates).

Mary Margaret Harris First Rank. Maud Emma Mary Olding Third Rank, James Andrew Milne Margaret Catherine Patrick "
Margice Victoria Grant "
Beatrice Victoria Grant "
Margaret Helen MacLean "
Alice Mary Phelan
Isa MacKay MacDonald
Anna Ross

Catherine MacDonald Third Rank. Christena Anne MacDonald Anna Belle Mary Watt Jeasie Isabel Fraser Catherine Isabel Murray
NORTH SYDNEY-(3 candidates).
OXFORD—(9 candidates).

Jean Gammell Creighton Second Rank Florence Marie Ripley
Minnie Wright Campbell Third Rank.

PARRSBORO-(37 candidates).

Nellie Verna Lewis Second Rank.
Grace Kathleen Pettigrew
Grace Kathleen Pettigrew
Marie Duffy
Nellie Amelia Yorke
Janet Osborne Layton
Cynthia Robina Fife
Isara Bella Yorke
Isabel Conway Crossman

> PICTOU-(29 candidates).

Sadie Moncrieff Dickson Second Rank
Catherine Fraser
Carrie Estelle McKenzie
Mure
Mirliel Geddie Matheson
Miliamina Creighton "
Margaret Isabel Cameron Third Rank.
Ruth Ashmore Dexter
Lloyd Alexander Munro
Leara Harriet Reid
Leill Denniston Dickson
Lillian Anna Cameron
Surgaret Kathryn MacFarlane
Maban Elsie Talbot anane "
Robel Jessie Murray
John Murdonette Munro "،
PORT HAWKESBURY-(38 candidates).
Robert Nelson Bagnell Sup. First Rank
Sarah Catherine Campbell Third Rank
Christena Katherine Mac-
$M_{\text {amald }}$
$M_{\text {anmie }}$ Rebecca MacDougall
Bertramarie MacDougall

PORT HOOD- 9
$\begin{array}{ll}\text { Emma May Reynolds } & \text { Third } \\ \text { Andiank }\end{array}$
Annie May Reynolds Graham
PUGWASH-(12 candidates).
Widie Rebecca Fullerton Second Rank ena May Reid

RIVER JOHN-8 candidates).
Helen May MacKay
Annie Isabella Robertson Third Rank.
SHEET $\underset{\text { dates). }}{\text { HARBOR-(12 candi- }}$
George Lawrence Leslie First Rank. Beulah Jean Swineamer Third Rank. Bertha Muriel Helena Keating

SHELBURNE-(6 candidates).
SHERBROOKE-(3 candidates).
Blanche Mildred Hamilton Second R'k. Wilfred Walter Glencross Third Rank. Muriel Grace Pollota

SPRINGHILL-(26 candidates).
Grace Tabor
Eva Maud Dewar
Iris Mary Berridge
Jane Lysaght
Second Rank.
Third Rank.
Annie Ashford Paul
STELLARTON-(9 candidates).
Sarah Grant MacDonald Third Rank.
Henry Chas. Schomberg Elliott "،
Mary Isabelle MacLeod
Elizabeth Elena Fraser
SAINT PETERS-(8 candidates).
LOWER STEWIACKE-(2 candi-
dates).
Bertha Mabe! Mosher Third Rank.
SYDNEY-( 29 candidates).
Catherine Ellen Cameron Second R'k.
Margaret Susanne Martel
Ruth Thelma Boyd
Ocella Maude LeDrew
Bertha Helen Sargeant
Sadie Johnson
Christina Annie MacAskill "،
James Edward McArthur "،
Charles Anderson Murray "،
Annie Ruth Black
Mary Margaret Beaton Third Rank.
Catherine Bell MacLeod
Matilda Ellen Robson
Lillie Edna MacDonald
Caroline Anna MacDonald
Ethel Blanche Reid
SYDNEY MINES-(11 candidates).
Maud Achaa Stevens First Rank.

> TATAMAGOUCHE-(18 candidates).

Sadie Irene McLellan Second Rank. Annie Beatrice MacIntosh
Anna Catherine Campbell
Murray Third Rank.

## Allison Louise Wilson

Gladys Jemina Sutherland
Luella Harriet Cameron
Catherine Isabel MacLeod
Katheryn Sara MacKeen
Christena MacDonald
Alice Sabrina Millard
TRURO-(28 candidates).
Sylvia Edith Miller
Second Rank.
Mary Elizabeth Waller
Bertha Clarice Moore
George Peter MacIntosh
Helen Tupper Kent
Lottie Mary Allen
Elsie Waugh
Helene Stacey Gladwin
Willis Gordon Dawson
Percy Waugh
Lydia Wynn.
Ethel Josephine Lockhart
Mary Edith Cox
Madeline Hill
Grace Margaret Lockhart
Letitia Mildred McGill
UPPER STEWIACKE-(9 candidates).

Jessie Mary Creighton Second Rank. WALLACE-( 6 candidates).

Fannie Vivian MacIntosh Third Rank. Janet Carlysle

WESTVILLE-(8 candidates).
Catherine Mary Baillie Second Rank. Ethel Pearl McGillivray Third Rank. Violet Hattie Powell

WINDSOR-(27 candidates).
Elsie Elizabeth McDougall First Rank. Grace Gladys Lantz Second Rank. Mildred Dorothy MacDougall
Gladys Jean McKinnon "

Hattie May Barkhouse
Hazel Annetta Hart
Third Rank.
Harriett Evelyn Elliott
Evelyn Mary Harris
Esther Bynetta Gellan
Mary Marjorie MacHarrie
6

WOLFVILLE-(9 candidates).
Iillian Alice Chase First Rank.
Karl Ernest Mason Third Rank.
Kathleen Blanche Harvey
WOOD'S HARBOR-(6 candidates).
Helen Crowell Smith Third Rank.
YARMOUTH-(17 candidates).
Hilda May Allen Second Rank. Mildred Mary Wetmore
Mortimer Villiers Marshall Third R'k. Gertrude Rose Haley Berniece Evangeline Amirault " Sarah Virginie D'Eon

# PROVINCIAL NORMAL COLLEGE OF NOVA SCOTIA. 

## DIPLOMA AWARDS. 1915-16.

## Academic Bank.

Yiola Belle MacLean.......... Wallace Station. ..... Cumberland.
Charles Albert Oulton, M. A. . . Sydney.............. Cape Breton.

Superior First Rank (with distinction, marked *).



## First Rank (With Distinction, marked *).





| Catherine Alexander | Amherst. . . . . . . . . . . Cumberland. |
| :---: | :---: |
| Mary Lena D | Meteghan. . . . . . . . . . Digby. |
| Bessic Jean Dil | Creat Village. . . . . . . Colchester. |
| Alice Amelia Etter. | . Shubenacadie. . . . . . . Hants. |
| Katherine Christine Fraser | . Sydney Mines. . . . . . . Cape Breton. |
| Dorothy Mae Jeffrey | . Truro. . . . . . . . . . . . . Colch |
| Vera Laura MacLella | . Amherst. . . . . . . . . . . Cumberland. |
| Sadie Mae MacNamara | . Halifax. . . . . . . . . . . . Halifax. |
| Freda Emmeline Murray | Truro. . . . . . . . . . . . . Colchester. |
| Mary Alexandra Parker | . Middleton. . . . . . . . . Annapolis. |
| Annie Catherine Peach. | . Port Morien. . . . . . . . Cape Breton. |
| Jean Mary Pothier | . Yarmouth . . . . . . . . . Yarmouth. |
| Muriel Curtis Secord | . Amherst. . . . . . . . . . . Cumberland. |
| Daphine Smith | . Lockeport . . . . . . . . . . Shelburne. |
| Ella Fraser Sutherland | . Lansdowne. . . . . . . . Pictou. |
| Hilda Miriam Thompso | . Elmsdale . . . . . . . . . . Hants. |
| Charles Keith Barkhouse | Westport. . . . . . . . . . Digby. |
| James Damascus Brit | Poirierville. . . . . . . . . Richmond. |
| Stephen Foster Hall | . St. Croix Cove . . . . . . Annapolis. |
| Alexander Joseph LeB | . Margaree Forks . . . . . Inverness. |
| Kenneth Loring Palmeter | . Grand Pre. . . . . . . . . . Kings. |
| Joseph Webb | . Havre au Bouche. . . . Antigonish. |

## DIPLOMA OF KINDERGARTNER.

## First Rank.

Fiona Isabel Hay. . . . . . . . . . . . Truro. . . . . . . . . . . . . . . Colchester.
Majorie King Haley . . . . . . . . Stephen. . . . . . . . Brunswick.

## Second Rank.

Mayory Britton MacCully. . . . . Truro. . . . . . . . . . . . . . Colchester.

## DIPLOMA IN DOMESTIC SCIENCE.

(Truro School of Domestic Science).

|  | Oxford . . . . . . . . . . . . Cumberland |
| :---: | :---: |
| Jean Hamilton Eaton | Kentville. . . . . . . . . . . Kings. |
| Margaret Estelle Mac | Thorburn. . . . . . . . . . Pictou. |
| Hattie Evelyn Ritcey | Nictaux Falls. . . . . . . Annapolis. |
| Gladys Blanche Strong | Lakeville . . . . . . . . . . . Kin¢s. |
| Diplor | Mechanic Science. |
| Karl Woorlworth Borden George Anslic Elliott.. | Lower Canard. . . . . . . Kings. Mt. Hanley. . . . . . . . . Annapolis. |

Awarded Second Rank Diploma (With distinction, marked*)



| Effie Genevieve Mouzar | Eagle Head. . . . . . . . Queens. |
| :---: | :---: |
| Bessie Laura Murray | Scotsburn. . . . . . . . . Pictou. |
| Elvie Iselda Myers. | Head Jeddore. . . . . . Halifax. |
| Mary Elizabeth Nicholson. | Barrachois Harbor... Cape Breton. |
| Eunice Evelyn Outhouse | Tiverton. . . . . . . . . . . . Digby. |
| Catherine Jane Pearn | Truro........... . . . . Coichester. |
| ${ }^{*}$ Hilda May Perry. | Atlantic . . . . . . . . . . Shelburne. |
| Alice Lillian Potter | Clementsvale. . . . . . . Annapois. |
| Margaret Evelyn Pow | Louisburg |
| Jennie Evelyn Prosse | N. Kemptville. . . . . . Yarmouth. |
| Cornelia Allen Prowse. | Bayfield.............. Antigonish. |
| Janie Myrtle Purdy | . ${ }^{\text {S. Branch Stewiacke . . Colchester. }}$ |
| Annie Marilla Pye. | . Bridgewater. . . . . . . . . . Lunenburg. |
| Mary Jessie Rankin. | . Port Ban. . . . . . . . . . In |
| Marjorie Alberta Reeves | . Kemptville. . . . . . . . . Yarmout |
| *Bessie Mahalia Rei | Northville. . . . . . . . . . Kings. |
| Nellie Marie Riley | W. Tracadie. . . . . . . . Antigonish. |
| Ida May Sanford. | .S. Rawdon. . . . . . . . . Hant |
| Evelyn Maude Schofi | Canning. . . . . . . . . . . . Kings. |
| Margaret Helena Scot | Enfield. . . . . . . . . . . . Hants. |
| Mary Margaret Sharp | .Shubenacadie. . . . . . Hants. |
| *Florence Emma Smit | Up. Falmouth. . . . . . . Hants. |
| Helen Smith. | Broad Cove Chapel. . . Inverness. |
| Helen Willena Stephe | Tenecape. . . . . . . . . . Hants. |
| *Bessie Cook Sutherland | . Gay's River. . . . . . . . Colchester. |
| Mary Sutherland. | . Soldier's Cove. . . . . . . Richmond. |
| Margaret Catherine Sut | . Dia mond. . . . . . . . . . . Pictou. |
| Lillian May Sutherland | . R. John Road. . . . . . . Colchester |
| Clara May Suttis. | . Port Hilford. . . . . . . . Guysboro. |
| Edith Jeanette Williams | Port Hawkesbury . . . . Inverness. |
| Allen Dougald Cameron. | . Fairmont. . . . . . . . . . Antigonish. |
| Joseph Henry Digout. | . Cannes. . . . . . . . . . . . Richmond. |
| Theodore Page | . Rockland. . . . . . . . . . . Shelburne. |
| *Joseph Edward Steadma | Young's Cove. . . . . . . Annapolis. |

## Qualifiod for Second Rank after one year's successful teaching; meantime, holding Third Rank.




## From Second to First Rank.



## Third to Second Rank.

| Mary Mac Dougall | Sydney | Cape Breton. |
| :---: | :---: | :---: |
| Bertha Mary Phelan. | Port Morien | Cape Breton. |
| Mary Gladys Leslie. | Spry Bay | Halifax. |
| Ruth Isabel Cameron | St. Paul. | Pictou. |
| Maud Luena Pugh | Westport | Digby. |
| Minnie Gay Goodwin. | Lanesville | Colches |
| Caroline Robinson. | Barronsfield | Colchester. |
| Emma Chapman. | Fort Lawrenc | Cumberland. |
| Maric Robichaud. | Meteghan Cente | Digby. |
| Bertha Meisner. | Lunenburg. . | Lunenburg. |
| Ella Louise Leydon | Bayfield. | Antigonish. |
| Rosa B. Bousfield. | Springville | Pictou. |
| Bessie V. Jones. | Upper Ohio | Shelburne. |
| Martha Jane MacKiel | W. Sheet Harbor | Halifax. |
| Martha H. Shortt | Brookfield | heste |
| Catherine M. LeBlanc | Belle Cote | Inverness. |
| Mary C. MacKenzie | Christmas Island. | Cape Breton. |
| Catherine Bessie McDoug | Christmas Isla | Cape Breton. |
| Hattie Evelyn Ritcey. | Nictaux Falls | Annapolis. |
| Mabel Christina Amos. | Oxford | Cumberland. |
| Jean Hamilton Eaton. | Kentville | Kings. |
| Mary Eliza Coady. | Margaree Forks | Inverness. |
| Lillian Laffin. | Hennigar's | Hants. |
| Anna Margaret Murray. | Meadowville | Pictou. |
| Vivian Esther Fishe |  | ester. |

- Promoted to Third Rank.
Elsie Anna DeViller......... . . . Pinckney's Point . . . . Yarmouth.
Mary Maud Shannon. . . . . . . Whiteside. . . . . . . . . . . Invernond.
Lucy Agnes LeBlanc. . . . . . . . Margaree. . . . . .


## ATTENDED RURAL SCIENCE TRAINING SCHOOL, 1916.

The subjects of the course are numbered as follows: (1) Nature
Study; (2) Botany; (3) Chemistry; (4) Soil Physics; (5) Biology;
${ }^{(10)}$ Horticulture; (7) Physics; (8) Entomology; (9) Bird Study;
(14) Geology; (11) Bacteriology; (12) Agriculture; (13) Plant Diseases; plom Mechanic Science; (15) Economic Zoology. Those marked "Diploma" have completed the full course. Those marked * took the duysical Training Course only. Those marked $\dagger$ were doing post graOne work. To those marked D, C, the diploma, or the certificate of one session's work, has been granted.
Alcorn, Dorothy Frances, Berwick, Kings Co., N. S., 2, $3,6$.

Andrews, Irene Silvya, Oakland, Lunenburg Co., N. S., 1, 2, 3, 5, 8, 12, 14
Anthony, Ruby Douglas, Kennetcook Cor., Hants Co., N. S. 1, 2, 3, 5, 12, 14. D.
*Arseneau, (Mrs.) Marg
Aubineau, (Mrs.) Marguerite A., Adamsville, Kent Co., N. B.
*Bake, Minetta Adele, Prince St., East, Truro, N.S.
${ }_{B}{ }^{\text {bagneer, May Belle, Wolfville, Kings Co., N. S. }}$
Baile
Banks, Catharine Mary, Westville, Pictou Co., N. S., 1, 2, 6, 12. C.
$\mathrm{Ba}_{\text {arks, }}$ Myrtle Forster, Torbrook Mines, Anna. Co., 3, 14.
*Bishouse, Hattie May, Up. Newport, Hants Co., N. S. 1, 2, 3, 6. C.
Black
Blake, Annie Ruth, Rural Route No. 2, Pugwash, Cumb. Co., 2, 6, 12.
Blekeney, Edna Myrtle, Bedford, Halifax Co., N. S. 1, 2, 6, 8, 12. C.
$\mathrm{B}_{088}$ enkinsop, Laura Aileen, Truro, N. S., $2,5,6,8$. C.
$\mathrm{B}_{\mathrm{si}}$, Marjorie, Athol, Cumberland Co., N. S., 2, 3, 5, 9, 14. C.
Boutilier, Laura May, Maple Avenue, Caledonia, C. B., $2,6$.
$B_{0}$ wiby, George Wilfred, Middleton, Anna. Co., 2, 3, 7, 12. C.
${ }^{*}$ Brous, Laura Idaline, Paradise, Anna. Co., 1, 2, 6, 8. C.
Broussard, Theresa J., Pomquet, Antigonish Co., N. S.
$\mathrm{Br}_{\text {rown, }}$ Georgie Marguerite, Melvern Sq., Anna. Co., 1, 2, 3, 6. C.
$B_{u r}$ nell, Edith Mary, Northport, Cumb. Co., N. S., 2, 6, 8 .
Burgess, Nellie Mildred, Newport St., Hants Co., 1, 2, 6, 8, 10, 13. D
${ }^{-}$Brigoyne, A. Viola, Halifax, N. S., 133 Agricola St., 2, 5, 8, 14. D.
${ }^{*}$ Boack, Oressa Louise, R. R. No. 4 Amherst, N. S.
Chrinell, Violet May, Box 50 , Stellarton, Pictou Co., N. S.
Callow, Margaret, Truro, N.'S., 1.
Camer, Margaret Gertrude, Parrsboro, Cumb. Co., 1, 2, 6, 10. C.
Cameron, Louise, Sherbrooke, Guysboro Co., N. S. 1, 2, 5, 8,12, 14. D.
Campheil, Irma Belle, Bear River, Digby Co., N. S. 1, 2, 6, 10. C.
$C_{\text {Campbell, Janet Hazel, Inverness,' Inv. Co., C. B., 2, 6, } 14 .}$

Chiser, Ida Naomi, Canso, Guysboro Co., N. S., 1, 2, 8, 12. C.
$C_{\text {lark }}{ }^{\text {and }}$, Mary Christin, Moose River, Pictou Co., N. S., 1, $2,6$.
Cole, E, Lillian Gertrude, 406 Gottingen St., Halifax, N.S.2, 5, 8, 14. D.
Cox, Ezelia Agnes, Milton, Queens Co., N. S., 1, 2, 6, 8. C.
$\mathrm{Cr}_{\text {owe }}$ eta, Londonderry, Colchester Co., N. S., 1, 2, 3, 6. C.
1,' Georgia Noma, Old Barns, R. R. No. 1, Col. Co., N. S.
Crowe, 2, 5, 6, 7, 8, 12, 14. D.
Cruwe, Ida Bowles, Highland Village, Col Co., N. S., 1, 2, 3, 6. C.
Chase, Ank, Mary McDonald, Elderbank, N. S., 1,2, 3, 5, 6, 7, 12,14. D.
$1 \mathrm{D}_{2 \text { were, }}$ Alice Lillian, Church St., Kings Co., N. S.
son, Aatherine R., Canning, Kings Co., N.S., 12.
Den, ${ }^{1}$, Annie L., R. R. No. 4, New Glasgow, N. S.
Densmo 3, 5, 6, 7, 9, 12, 13, 14.' D.
Diwar ${ }^{\text {ene, Lydia Olive, East Noel, Hants Cu., N. S., 1, 2, 6, 12. C. }}$
$\mathrm{D}_{\text {il }} \mathrm{I}_{\text {ma }}$, Eva, Springhill Mines, Cumb. Co., N. S., 2, 6 .
Dilman, Clara Polley, Wyses Corner, Halifax Co., N. S., 1, 2, 3, 6. C.
Douglas, Minerva Eliza, Wysen Corner, Halifax Co., N.'S. 1, 2,3, 6. C. 8, Blanche Edna, Selma, Hants Co., N. S. 2, 8, 9, 10, 12.

Douglas, Hilda May, Box 807, Truro, N. S. $2,8$.
Drillio, Ethel Elizabeth, Maitland, Hants Co., N. S.
Duff, Jessie Joyce, Avonport, Kings Co., N. S., 1, 2, 5, 6, 9, 13. D.
Duffy, Marie Teresa, Parrsboro, Cumb. Co., $1,2,6,10$. C.
${ }^{*}$ Deveau, Mary Alice, Belliveau's Cove, Digby Co., N. S.
Eaton, Muriel Lucy, Lower Canard, Kings Co., N. S., 6, 12.
${ }^{*}$ Edge, C. Christina M., Black River, Northumberland Co., N. B.
Embree, Viola Garnet, McPherson's Ferry, C. B., 1, 2, 3, 12. C.
${ }^{*}$ Eaton, Gertrude Ethel, Lower Canard, Kings Co., N. S.
Fales, Annie Louise, South Farmington, Anna. Co., 2, 3, 6.
Fisher, Jean Evelyn, Newton Mills, Col. Co., N. S., 2, 3, 5.
Fletcher, Alberta Maude, Glenholme, Col. Co., 2, 6.
Fraser, Jennie, Glengarry Station, R. R. No. 1, Pictou Co., 1, 2, 3, 6. C.
${ }^{*}$ Fullerton, Sadie Rebecca, Box 13 Pugwash, Cumb. Co., N. S.
Fisher, Helen, Truro, N. S. 2, 5, 6. D.
Geddes, Aubrey, Truro, N. S.
Gilroy, Jennie May, Springhill, Cumb. Co., N. S., 1, 2, 9.
Goodwin, Minnie Gay, Stewiacke Col. Co., N. S., 2, 8, 9.
Graham, Creta Blanche, Fox River, N. S., 1, 2, $5,6,7,8,12,14$. D.
Griffin, Elizabeth Hortense, Bridgetown, Anna. Co., N. S. $1,2,3,5,6,7,8,12,13,14$. D.
Haley, Edythe May, Windsor, Hants Co., N. S., 1, 2, 6, 10, 12. C.
Hall, Agnes Mae, Bridgetown, Anna. Co., 1, 2, 6, 10. D.
Hallisey, Mary Julia, 53 Bland St., Halifax, N. S., 1, 2, 6, 8. C.
Harris, Annie Ellen, Three Brooks, Pictou Co., N. S., 2, 5, 8, 9. D.
Harrison, Laura Marion, Maccan, Cumb. Co., N. S., 1, 6, 9, 12. C.
Higgins, Stella Mable, R. R. No. 1, Belmont, Col. Co. 1, 2, 3, 5, 6, 12. C.
Hiltz, Annie Laura, Middleton, Anna Co., N. S. 1, 2, 6, 8. C.
Hoffman, George Holland, Nictaux South, Anna. Co., $2,3,7,12 . \mathrm{C}$.
Hyson, Myrna Amelia, Mahone Bay, Lunenburg Co., 1, 2, 5, 6, 7, 8, 12, 14. D.
${ }^{*}$ Irving, Alice Emma Bruce, Pictou, N. S.
Johnson, Eva Campbell, Upper Stewiacke, Col. Co., N. S.
Jones, Annie, Springhill Mines, Cumb. Co., N. S., 2, 3, 5, 6, 14. C.
Keeler, Celia C., Dartmouth, Halifax Co., N. S. 2, 5, 8, 9. D.
Kempton, Bertha A., Milton, Queens Co., N.S. 1, 2, 5, 6, 7, 8, 9, 12, 13, 14. D.

Kennedy, Mary Lavinia, Tatamagouche, R.F.D. No. 1. Col. Co., N. S.
Kent, Helen Tupper, Truro, N. S., 2, 5, 6, 8. C.
Kent, Mabel, Stewiacke, Col. Co., N. S. 2, 6, 8.
${ }^{*}$ Kinnie, Amy Peck, Berwick, Kings Co., N. S.
*Landry, Hermini, Caraquet, Gloucester Co., N. B.
Lantz, Grace Gladys, Cambridge, Hants Co., N. S., 1, 2, 6, 12. C.
LeBlanc, John J., Belle Cote, Inverness Co., C. B., 2, 5, 8, 12. D.
Leslie, George Lawrence, Spry Bay, Hfx. Co., 1, 2, 3, 12. C.
Lewis, Nellie Verna, Five Islands, Col. Co., 3.
Lewis, Winnifred Yarmouth, N. S., 1, 2, 6, 8. C.
$\dagger$ Lindsay, Harriet Louise, Truro, N. S.
Longley, Mary, Paradise, Annapolis Co., N. S. 1, 2, 3, 5, 6, 7, 9, 12, 14. D.

McAloney, Marion Averil, Torbrook, Anna. Co., 3.
MacCarthy, Tena J., Sheet Harbor, Halifax Co., N. S., 2, 6, 8, 12. C.
MacDonald, Annie Jean, Green Hill, Pictou Co., 1, 2, $3,5,6,7,12,14$. D.
MacDonald, Jennie Cecilia, S. W. Margaree, Inv. Co., C. B., 9.
Macdonald, Mary Belle, Port Hood Mines, 1, 2, 6, 8, 10, 12. D.
McDonald, Murray William, St. Patrick's Channel, Victoria Co., C. B.
McDougall, Katherine, Margaree Harbor, Inv. Co., C. B., 1, 2, 3, 6. C.
Macdougall, Margaret, Margaree Harbor, Inv. Co., 2, 3, 6, 6, 7, 12, 18. D.
McIntosh, Annie Beatrice, Central New Annan, Col. Co., 1, 2, 6, 12. C.
McDougall, Mildred, West Gore, Hants Co., N. S., 2, 6.
McKay, Jean Ethel, Waugh's River, Col. Co., N. S., 1, 2, 8, 6. C.
McKay, Mineola Rosamond, Truro, N. S., 2, 6, 8.
MacKay, Minnie, Tatamagouche, Col. Co., N. S., 1, 2, 6, 8, 12. C.
MacLellan, Annie Josephine, Broad Cove Chapel, Inv. Co., 2, $8,6$. McLellan, Mary Agnes, Box. 763, Glace Bay, C. B., 1, 5, 9, 18. C.

MacLellan, Reta, Bass River, Col. Co., N. S., 1, 2, 3, 5, 6, 7, 12, 14. D. McLellan, Sadie Irene, Central New Annan, Col. Co., 2, 6, 12.
${ }^{1}$ McLeod, Dolenna Jessie, Lansdowne Station, Pictou Co, 2, 3, 5, 12. MacLeod, Catherine Isabel, The Falls, Col. Co.
McNeil, Katherine, Box 560, Glace Bay, C. B., 1, $5,13$.
MacPhee, Rose May Ruth, R. F. D. No. 1, Upper Nine Mile River, Ma, 2, 5, 6, 7, 8, 9, 12, 14. D.

Gregor, Anna R., South River Lake, Guysboro Co., N. S., 1, 2, 3, 5.
MaD.
Marter, Ira Day, Mader's Cove, Lunenburg Co., 2, 3, 7, 12. C.
$\dagger$ Marte, Margaret Susanne, Mira Gut, C. B., 6, 12.
Martin, Marion Emily, Port Hawkesbury, C. B., 2, 3, 6, 12.
D.

Matheson, Muriel Geddie, Plainfield, Pictou Co., 2, 3, 6.
Matheson, Nellie Anne, River Philip, Cumb. Co., 1, 2, 5, 6, 8, 14. C.
Meivin, Arthur Gordon, 294 Tower Rd., Halifax, 8, 9, 12, 13. C.
Messinger, Effie Grace, South Farmington, Anna. Co., 2, 3, 6
Morrison, Annie Elizabeth, Glace Bay, C. B., 2.
Mosher, Una Hall, Stewiacke, Col. Co., N. S., 2, 3, 5. D.
Mitchell, Ida L., Wallbrook, Kings Co., N. S.
Mapplebeck, Idella, Aylesford, Kings Co., N. S. 1, 2, 6, 9, 14. D.
Nowman, Carolyn Agnes, Springhill, Cumb. Co., 1, 2, 6, 8. C.
${ }^{*} \mathrm{Na}_{\mathrm{l}}$, Marjorie Dennette, Canning, Kings Co., 1, 2, 6, 12. C.
Ogilvie
Olinie, Alice Pearl, Elderbank, Halifax Co., 1, 2, 5, 6, 7, 8, 12, 14. D.
$0^{\prime}$ Re, Violet, Truro, N. S., 2, 3, 9, 12. C.
-Piggan, Ellen Augusta, Lakelands, Cumb. Co.
Parineo, Georgianna Paige, Mill Village, Queens Co., N. S.
$\mathrm{P}_{\text {eacons, }}$ Anne M., Southampton, Cumb. Co., 2, 3, 5, 9, 14. D.
Pearock, Mary Jean, Northport, Cumb. Co., 1, 2, 5, 6, 7, 8, 12, 14. D.
${ }^{\text {Phillip, }}$ Catherine Jane, Truro, N. S. 2, 3, 9.
tPerys, Ella May, Inverness, Inv. Co., C. B., 2.
Pike, Evelyn Antionette, Yarmouth, N. S.
${ }^{1}$ Porter Mary Wentzell, Barrington, Shelburne Co., N. S. 1, 2, 6, 10. D.
Porter, Grace Arnold, Wolfville, Kings Co., N. S.
${ }^{P}$ Per, Mary Inez, Wolfville, Kings Co., N. S. 2, 3, 5, 6, 12. C.
$R_{\text {Re, Annie Marilla, Beaver Harbor, Halifax Co., N. S. }}^{\text {I }}$
Reese, Elma Hazel, Bridgewater, Lunenburg Co., N. S.
Reid, May, Springhill Mines, Cumb. Co., N. S., 2, 3, 5, 6, 14. D.
Reid Ethel Louise, Oxford, Cumb. Co., N. S., 2, 3, 5, 9, 14. D.
Roche, Willena Maie, Pugwash, Cumb. Co., N. S.
Roche, Agnes D., Bedford, Halifax Co., N. S. 1, 2, 6, 8, 12. C.
$\mathrm{R}_{\mathbf{s}, \mathrm{s},}$ Varina, Bedford, Halifax Co., N. S., 1, 2, 6, 8, 12. C.
Rutherforina Lillian, R. R. No. 1, Tatamagouche, Col. Co., 1, 3, 6.
${ }^{-}$Schurmard, Jessie Ena, Newton Mills, Col. Co., N. S., 3.
Shurman, Mildred Carolyn, Wolfville, Kings Co., N. S.
$S_{\text {haw }}$ Man, Dorothy Martha, Truro, N. S., 2, 5, 6, 8, 12. C.
$S_{\text {mith, }}$ Muriel Ardeliese, Berwick, Kings Co., N. S., 2, 3, 6.
$S_{\text {mith, }}$, Alice Claire, Box 182, Truro, N. S., 3.
$S_{\text {mith, Mamie Gertrude, Fenwick, Cumb. Co., 1, 2, 3, 6. C }}$
Tevens, Mary Edith, Glenholme, Col. Co., N. S., 2, 6, 8.
$S_{\text {to 14. D. }}$ 14
14. D, Vila Euphemia, Springhill Cumb. Co., 1, 2, 5, 6, 7, 8, 12,

Strople, D.
Strople, Janie Isabel, Bayfield, Antigonish Co., 2, 3, 5, 14. D.
$S_{\text {Shand, Gella Marion, Bayfield, Antigonish Co., 2, 3, 5, 14. D. }}^{\text {Siven }}$
Smith, Givendolyn Vaughan, Windsor, Hants Co., N. S.
Teeves, Hazel Emma, Upper Falmouth, Hants Co., N. S.
Thor, Grace Splanche, Billtown, Kings Co., N. S.

1', Ruth Beatrice A Cumb. Co., N. S., 1, 2, 3, 6. C.
14. D.

Trerice, Glydas Mary, 41 Charles St., Amberst, Cumb. Co., 1, 2, 8, 12. C. Underwood, Emma May, Windsor, Hants Co., N. S.
Underwood, George R., Dom. No. 6, C. B., 2, 3, 5, 6. D.
Walker, Hazel Rosanna, Truro, N. S., 2, 3, 12.
*Wamboldt, Isabelle Margaret, Box 287, Kentville, Kings Co., N. S.
Waugh, Elsie, Truro, N. S., 2, 3, 5, 6. C.
Waugh, Percy, Truro, N. S.
Webb, Joseph, Havre Boucher, Ant. Co., N. S. 1, 2, 5, 6, 7, 12, 14. C.
White, Bertha Marjory, Berwick, Kings Co., N. S., 1, 2, 5, 6, 8. C.
White, Edith May, Md. Musquodoboit, Halifax Co., 1, 2, 3, 6. C.
White, Emma Louise, Md. Musquodobort, Haıfax Co., 1, 2, 3, 6. C.
Whyte; Juanita May, 197 Prince St. East Truro, N. S.
Wickwire, Annie L. 573 Gottingen St., Halifax, N. S., 2, 3, 5, 12. D.
Williams, Marion Fraser, Great Village, Col. Co., 2, 6, 8, 14. C.
Wilson, Edith Stewart, Central New Annan, Col. Co., 2, 5, 8, 12. C.
*Webb, B. H., Hampton, New Brunswick.
Yorke, Nellie Amelia, Parrsboro, Cumb. Co., N. S. 1, 2, 6, 10. C.
Young, Ermina Vesta, Brighton, Digby Co., N. S., 2, 5, 8, 12. D.
Zinck, Ella Sophia, Lunenburg N. S., 1, 2, 3, 5, 6, 7, 12, 14. D.
Zwicker, Flora Mae, Mahone Bay, Lunenburg Co., 2, 5, 8, 12. D.
Zwicker, Helen Louise, Mahone Bay, Lunenburg Co., 2, 5, 8, 14. D.
*Martin, John Patrick, Dartmouth, Halifax Co., N. S.
*MacPhee, Elsie Geraldine, Sheet Harbor, Halifax Co., N. S.

## TEACHERS' LICENSES, 1915-1916.

ACADEMIC--1916.
1-Charles Albert Oulton. .......... Sydney . . . . . . . . . . . . . . . . . Cape Breton.
"A" (SUPERIOR FIRST)
1915.

| 59-Evelyn Antionette Perry........ Yarmouth North | Yarmou |
| :---: | :---: |
| 60-Helen Dorothy Adams Armitage Halifax..... | Halifax. |
| 61-Sister Mary Camilla . . . . . . . . . Halifax | Halifax. |
| 62-Elizabeth Graham Colquhoun . . . Glace Bay | Cape Breton. |
| 63 - Pearl Clayton Stanford. | Cape Breton. |

1916. 





| 91-Josephine Myrtle Banks | Lawrencetow | Annapolis. |
| :---: | :---: | :---: |
| 92-Olive Naomi DeWolfe Heal | Guysboro. | Guysboro. |
| 93-Arley Margaret Foley |  |  |
| $94-$ Olive Blanche Young. | T | nburg. |
| $95-$ Estelle Mary Amirau | Mid. E. Pub | rmouth. |
| 96-Marie Elsie Hamblen | Durham |  |
| 97-Margaret Estelle MacLea | New Glasgow | Pictou. |
| 98-Margaret MacDaniel. | Margaree For | Inverness. |
| 99-Harriette Jane Jameiso |  | Halifax. |
| 100-Mineola Rosamond Mack | Trur |  |
| 101-Kenneth David Blackie | Great Village |  |
| 102-Cora Beatrice McLaughlin | Lr. Economy | Colchester. |
| 103-Florence Joy Blaikie | Up. Stew | ster |
| 104-Mary Bernice Bonyman |  | Colchester |
| 105-Minerva May Hudgins | W | Kings. |
| 106-Pauline Mary Keats. | New Wa | Annapolis. |
| 107-Helen Valborg Gilliatt | .Granville C | Annapolis. |
| 108-Cynthia Jane Bent | . Belle I | Annapolis. |
| 109-Sister M. Aloyse (Anna Maria Stretch). | Mt. St. Vincent. | Halifax. |
| 110-Maude Achsa Stevens. | Freeport | Digby. |
| 111-Mary Agnes McArthur | . Port Hood | Inverness. |
| 112-Mrs. Maude Farncombe | . North Brook | Queens. |
| 113-Bessie Winnifred Young | Lunenburg | nburg. |
| 114-Janet Elsie MacIntosh | . Loch Katr | gonish. |
| 115--Beryl Blanche Mitchell | , Amherst | berlan. |
| 116-Marie Amy Belliveau. | . Belliveau's C | Digby. |
| 117-Mary Zita Belliveau | . Belliveau's Co | Digby. ${ }^{\text {arg. }}$ |
| 118-Ella Sophia Zinck. | .Lunenburg | Lunenburg. |
| 119-Rita MacLellan. | Bass Rive | Colchester. |
| 120-Louise Cameron | . Sherbrooke | Ruysbord. |
| 121-Jessie Ellen MacDonald | . Port Richmon | Richmon |
| 122-Verna Leslie Brown | .South Uniacke | Hants. |
| 123-Jeanette L. d'Entremont | . Md. West Pub | nou |
| 124-Myrna Amelia Hyson | . Mahone Bay | Lunenburg. |
| 125-Nellie L. Romkey. | .Lr. LȧHav | Lunenburs |
| 126-Hazel Blanche Steeve | . Billtown | Kings. |
| 127-Georgianna Paige Pineo | . Mill Villag | Queens. |
| 128-Joseph Grafton Crocke | .Freeport | Digby. |
| 129-Mary Morrison. | Onslow Sta |  |
| 130-Genevieve Pearl Steven | Freeport | Digby ${ }^{\text {Breton }}$ |
| 131-John Ignatius McNeil | Sydney |  |
| 132-Mary Mildred Cameron | Clovervi | Antigonis |
| 133-Edythe Haley. | Windsor | Hants. |
| 134-Jean Smith Hardy | Kentvill | Kings. |
| 135-Ethel Ward Harrison | Dartmout | Halifax. |
| 136-Mary Inez Porter. | Wolfville | Kings. |
| 137-Ida Naomi Carver | Lr. Onslow | Colchesteton. |
| 138-Carmita Mae Ingraham | North Sydney | Cape Breton. |
| 139-Ethel Gertrude Bryne | North Sydney | Cape Bret |
| $140-$ Sister St. Veronica (Mary McDonald)............ | Antigonish | Antigonish. |
| 141-Alice Robertson. | Digby. | Digby. ${ }^{\text {and }}$ |
| 142-Mary Jean Peacock | Northport | Cumberster. |
| 143-Hattie Clare Putman | Lower Onslo |  |
| 144-Joanna Agatha McDonald | Windsor | Hants. |
| 145-Eleanor Mae Finigan.. | Freeport | Digby. |
| 146-Mildred Carolyn Schurman | Wolfville | Kings. |
| 147-Edith Weldon. | South Rawdo | Hants. |
| 148-Bessie May Phillips | Old Barnes |  |
| 149-Gladys Perry Collings | Halifax |  |
| 151-Lillian Alice Chase. | Church Stree | Kings. |
| 152-Bessie Louise Hall. | Bridgewater | Bretos. |
| 153-Agnes Isabelle Reid | Gabarus | Cape Bretor |
| 154-Bertha Catherine MacPherson | Sydney |  |
| 155-Helen MacDougall. | . Sydne | ester. |
| 156-Margaret Josephine Sh |  |  |


|  |  |  |
| :---: | :---: | :---: |
| "C". |  |  |
| 1915. |  |  |
| 187-Bertha Elizabeth Hillier. . . . . . . . Glace Bay. . . . . . . . . . . . . . Cape Breton. <br> 188-Grace Henrietta Gormley. <br> Halifax. <br> .Halifax. |  |  |
|  |  |  |
| Sister M. Philippa (Emma Melanson). | Mt. St. Vincent | Halifax. |
| 191-Edith Stewart Wilson | Central New Anna | Colchester. |
| 192-Helen Maude Snow | Port Wade. | Annapolis. |
| 193-Cassie May ${ }^{\text {- }}$ - | Convent Sacred H | Halifax. |
| 195-Cassie May Livingst | Whitney Pier | Cape Breton. |
| 196-Garah Belle MacDona | Sydney | Cape Breton. |
| 197--Helen Augusta ${ }^{\text {a }}$ | Union Squa | Lunenburg. |
| 198-Helen Viola Spind | Shelburn | Shelburne. |
| 199-Marion Imogene | Ur. Rose Ba | Lunenburg. |
| 200-Dorothy Marguerite Morse | Up. Ra | Hants. |
| 201-Alta Minnie Zive. . . . . . . . | Berwic | Kings. |
| 1916. |  |  |
| 1-Irene Isa MacLennan. . . . . . . . Scotsburn. . . . . . . . . . . . . . Pictou. |  |  |
| 3-Fleda Margaret Worthen. . . . . . . Cape Negro Isld. . . . . . . . . Kings. |  |  |
| 4-Fleda Margaret Worthen. | Cape Negro Isld. | Shelburne. |
| 5-Stella Marie MacNeil. . . . . . . . . Whitney Pier . . . . . . . . . . . . Cape Breton. |  |  |
| nie Pothier. . . . . . . . . . . . Eel Brook. . . . . . . . . . . . . . Yarmouth. <br> 7-Teresa Codie. . . . . . . . . . . . . . . . . Convent Sacred Heart. . . . Halifax. |  |  |
|  |  |  |
|  | Canso... . . . . . . . . . . | Guysboro. |
| 9-Bertha Mary Phelan. . . . . . . . Port Morien. . . . . . . . . . . . . . . Cape Breton. |  |  |
| 10-Jan Maire Chapman. . . . . . . . Tidnish Bridge. . . . . . . . . . Cu |  |  |
|  | . Dunmore | Antigonish. |
| 12-Gerilia Jennie Semple . . . . . . . . T Tatamagouche. . . . . . . . . . . Colchester. |  |  |
| 14-Mary Gladys Leslie . . . . . . . . . . . Spry Bay... . . . . . . . . . . . . . Halifax. |  |  |
|  |  |  |
|  |  |  |
| 17-Jennie May McKay............ . Londonderry . . . . . . . . . . . . . . . Colche |  |  |
| 18-MacKenzie)................. Mt. St. Vincent. . . . . . . . . Halifax |  |  |
|  |  |  |
| 9-Sister M. Teresina (Luana . . . . . Westport. . . . . . . . . . . . . . . . Digby. |  |  |
| 20 McLeod) |  |  |
| ${ }^{2} 1$-Havinia Mabel Webster. . . . . . . . Burlington. . . . . . . . . . . . . . . Kings. |  |  |
| $22-\mathrm{Flida}$ May Bishop | . Somerset |  |
|  |  |  |
| $24-\mathrm{Marjorie}$ Alberta Reeves . . . . . . . Kentville . . . . . . . . . . . . . . Kings. |  |  |
|  |  |  |
| 26 Hilda Evelyn Morton. . . . . . . . . . Kemptville. . . . . . . . . . . . . . . . . . Yarmouth. |  |  |
| 27-Cannie Evelyn Prosser. . . . . . . . . Kemptville. . . . . . . . . . . . . . . . Yarmouth. |  |  |
| 28 -Vatherine Jean Pearn. . . . . . . . Truro. . . . . . . . . . . . . . . . . . Co |  |  |
| 29-Fila Ellen Hartling. . . . . . . . . . Malagash |  |  |
| 30 -Gannie Evelyn Canning. . . . . . . Port Grev |  |  |
| 31 -Theody Jean Horton. . . . . . . . . . . Reynolds. . . . . . . . . . . . . . . . . . Hali |  |  |
|  |  |  |
| 38-Ida Mary Dickinson. . . . . . . . . . . . . Nappan |  |  |
| 4-Ferne Bessie Lamb.............. . . . Diligen |  |  |
| $3_{6}$ - Elva Ane Alexander Davidson. . Amhe st. . . . . . . . . . . . . . . . Cumberland. |  |  |
|  |  |  |
| 37-Mary Elizabeth Coldwell. . . . . . . . Newtonville. . . . . . . . . . . . . . . ${ }^{\text {S }}$ K |  |  |
| 8 - Alice Amelia Etter. . . . . . . . . . . . . . Sh |  |  |
|  |  |  |
|  |  |  |


| 40-Cornelia Allan Prowse | Bayfield | Antigonish. |
| :---: | :---: | :---: |
| 41-Susie Irene Devine | Joggin Mines. | Cumberland. |
| 42-Mary Elizabeth Kay | Sydney Mines | ape Breton. |
| 43-Evelyn Maude Schofield | Canning. | Kings. |
| 44-Florence Emma Smith. | Up. Falmo | Hants. |
| 45-Lena Thurza Boyd. | Falmouth | Hants. |
| 46-Mary Lena Deveau | Meteghan | Digby. |
| 47-Charles Keith Barkhouse | West Port | Digby. |
| 48-Cora M. Bowlby. ...... | Spa Springs | Annapolis. |
| 49-Alexander Joseph LeBlanc | Margaree Forks | Inverness. |
| 50-Elsie Pearl MacKenzie | Elmsdale. | Hants. |
| 61-Margaret McDaniel. | Lanark | Antigonish. |
| 62-Bessie Mahalia Reid | Northville | Kings. |
| 53-Joseph Webb. | Harve Bouc | Antigonish. |
| 54-Celia Grace Hines | Mt. Hanley | Annapolis. |
| 65-Mary Laura d'Entremont | Meteghan Ri | Digby. |
| 56-Margaret Annie Mosher | Victoria Vale | Annapolis. |
| 57-Kathleen Gordon MacDonal | Clyde River | Shelburne. |
| 58-Bessie Cook Sutherland | Gays River | Colchester. |
| 59-Nellie Boyd | Belmont | Colchester. |
| 60-Bessie Jean Dil | Great Villag | Colchester. |
| 61-Gladys Perry Collings | Halifax. | alifax. |
| 62-Gertrude Moore | Waverley | Halifax. |
| 63-Amy Clara Louise Himmelma | Rose Bay | Lunenburg. |
| 64-Hazel June Corkum | Conquerall Bank | Lunenburg. |
| 65-Alexandra Willa McKenzie | New Gairloch | Pictou. |
| 66-Margaret Catherine Sutherland | Diamond | Pictou. |
| 67-Bessie Laura Murray | Scotsburn | Pictou. |
| 68-Ella Fraser Sutherlan | Lansdowne | Pictou. |
| 69-Elizabeth Stuart Sanford | Truro. | Colchester. |
| 70--Bernetta May Holloran | Guysboro | Guysboro. |
| 71-Hattie Jane Fougere | Cannes. | Kings. |
| 72-Elvie Iselda Myers. | Head Jeddore | Halifax. |
| 73-Edith Lucy MacInnes | Sheet Harbor | Halifax. |
| 74-Mamie Ora Abbott | Forbes Point | Shelburne. |
| 75-Annie Margaret MacDonald | Eden Lake | Pictou. |
| 76-Edna Pearl Keeler | Dartmouth | Halifax. |
| 77-Christie Minerva Alle | Blue Rocks | Lunenburg. |
| 78-Laura Maude MacDon | Sheet Harbo | Halifax. |
| 79-Prudence Dickie Branne | Clarke's Ha | Shelb |
| 80-Muriel Curtis Secord. | Amherst. | Cumberland. |
| 81-Emma Elizabeth Atkins | West Brook | Cumberland. |
| 82-Vivian Jean DeWolfe. | Port Howe | Cumberla |
| 83-Margaret Ellen MacCara | Scotsburn | Pictou. ${ }^{\text {d }}$. |
| 84-Caroline Emily Robinson | Diligent Riv | Cumberland. |
| 85-Ella May Brydon | Weston | Kings. |
| 86-Carrie Olga Marshal | East Torbrooke | Annapolis. |
| 87-Alice Lillian Potter. | Clementsvale | Annapolis. |
| 88-Eunice Evelyn Scott Outh | Tiverton | Digby. |
| 89-Theresa Deveau | Mavilette | Digby. |
| 90-Edith Miller. | Up. Kennetcoo | Hants. |
| 91-Martha Helen Short | Brookfield | Colchester. |
| 92-Eunice Freeman Hemeo | Swansburg | Shelburne. |
| 98-Ada Willetta Harrington | Lr. Econom | Colchester. |
| 94-Janie Myrtle Purdy | So. Branch St |  |
| 95-Minnie Gay Goodw | Stewiack | Colchester. |
| 96-Margaret Mae Cameron | West Tatama |  |
| 97-Freda Emmeline Murray |  | Colchester |
| 98-Martha Jane MacKeil. | West Sheet Ha | Halifax. |
| 99-Mary Elizabeth Wall | Tru | Colchester. |
| 100-Angus Anthony Johnst | Woolasto | Mass. |
| 101-Lottie Mary Allen | River John | Pictou. ${ }^{\text {Breton. }}$ |
| 102-Ethel Matilda McPherson | Glace Bay | Cape Breton. |
| 108-Agnes Isabelle Reid. | Gabarus | Cape Breton. |
| 104-Margaret Evelyn Power | Louisburg | Cape Br |



| 166-Isabel Cameron | Thorburn. | Pictou. |
| :---: | :---: | :---: |
| 167-Emma Lillian Chapman | Fort Lawre | Cumberland. |
| 168-Edith Jeanette Williams | Port Hawkesbury | Inverness. |
| 169-Ethel Marie Verge | Barss Corner | Lunenburg. |
| 170-Elma Hazel Ramey | Bridgewater | Lunenburg. |
| 171-Jennie Fraser. | Glengarry Station | Pictou. |
| 172-Annie Marilla Pye | Beaver Harbor | Halifax. |
| 173-Elsie Geraldine MacPhee | Sheet Harbor | Halifax |
| 174-James Osborne Layton | Parrsboro | . Cumberland. |
| 175-Florence Eliza King. | River Pnillip | Cumberland. |
| 176--Bertha Irene Meisner | Lunenburg | Lunenburg. |
| 177-Ethel Morrow | River John Road | Colchester. |
| 178 - Joseph Edward Steadm | Young's Cove | Annapolis. |
| 179-Robert Nelson Bagnell | Great Village. | Colchester. |
| 180 - Mary Belle Cameron. | Salt Springs | Antigonish. |
| 181 -Grace Arnold Porter | Wolfville | . Kings. |
| 182 -Annie May McNeil | Halifax | . Halifax |
| 183-Alice Emma Bruce Irving | Three Brooks | . Pictou. |
| 184 -Mary Jessie Rankin. | Port Ban. | Inverness. |
| 185-Christina Katherine McLennan | Inverness | . Inverness. |
| 186-Violet May Bonnell | Stellarton | Pictou. |
| 187---Viola Mary Bagnell | Gabarus Cape | . Cape Breton. |
| 188-Mary Elizabeth Nicholson | Barrachois Harbor | Cape Breton. |
| 189--Annie Catherine Peach | Port Morien | . Cape Breton. |
| 190-Annie Campbell | Whitney Pier | Cape Breton. |
| 191-Mary Agnes Campbell | Lingan | Cape Breton. |
| 192-Isobel McKenzie Macleod | Sydney | Cape Breton. |
| 193-- Catherine Lucy Gillis | Victoria Bridge | . Cape Breton. |
| 194-Katherine Christene Fraser | Sydney Mines. | Cape Breton. |
| 195-Sadie Mae McNamara | Halifax. | Halifax. |
| 196--George Lawrence Leslie | Spry Bay. | . Halifax |
| 197-Margaret Annie Macleod | Framboise | . Richmond. |
| 198--Ruth Isabel Cameron. | Eureka | . Pictou. |
| 199-Williamina Creighton. | Alma | . Pictou. |
| 200--Helen Douglas Bishop | Kentville | . Kings. |
| 201 - Mildred Dorothy MreDougall. | West Gore | Hants. |
| 202-Margaret Nora McKinnon | Inverness. | Inverness. |
| 203-Marion Averil McAloney. | Torbrook | Annapolis. |
| 204-Annic Louise Fales. | Farmington | Annapolis. |
| 205 Agnes Dorothea Rocke | Bedford | Halifax. |
| 206-Sadie Moncriff Dickson | Pictou. | . Pictou. |
| 207-Mollic Laffin.... | Lingan | Cape Breton. |
| 208-Annic Ruth Black | Pugwash | Cumberiand. |
| 209-Eva Maud Dewar | Springhill | Cumberland. |
| 210-Mary Alice Deveau | Belliveau's Cove | Digby. |
| 211-Florence Lity Awalt | Cold River | Lunenburg. |
| 212-John James Ryan Hughes | Whycocomag | Inverness. |
| 213-Jessic Campbell. | Glace Bay | Cape Breton. |
| 214-Mary Katherine McKenzie | Christmas Isld | . Cape Breton. |
| 216-Jessic Margaret McDonald. | Inverness. | . Inverness. |
| 217-Lydia Olive Densmore | Lower Selma | . Hants. |
| 218-Anna Margaret Murray | Meadowville | . Pistou. |
| 219-Tina Isabella Mauger | Cape LaRonde | . Richmond. |
| 220-Annic Beatrice McIntosh | Central New Annan | Colchester. |
| 221-Kenneth Loring Palmeter | Grand Pre.......... | Kings. |
| 222 -Vivian Esther Fisher. | Truro | Colchester. |
|  | "D". |  |
|  | 1915. |  |
| 341-Eileen S. Boyle. |  | Cape Breton. |
| 342-Marie Leonette Jeffers | Parrsboro. | Cumberland. |
| 343-Alberta May Knowlton | Oxford | Cumberlan |
| 344-Marion Lollise Hirtle. | Mahone Ba | Lunenburg. |


| 345-Greta Bertha King. |  |
| :---: | :---: |
| 347-Mary Belle Campbell | Blue Mountain............ . Cumberland. |
| 348-Eva Martha Piers. | North Middleboro. . . . . . . . . . Pictou. |
| 349 - Nellie Lee Drew | Parrsboro.. . . . . . . . . . . . . . Cumberiand. |
| 350-Hazel Etta Kaulbach. | Morton's Corner. . . . . . . . . Lunenburg. |
| 352-Marion Simonson Trask. |  |
| $353-$ Minely ${ }^{\text {3 }}$ May Parks. | Oxford................. Cumberland. |
| 354-Lila Murl Thompson | West Dublin. . . . . . . . . . . . Lunenburg. |
| 355 -Mark Wylie Willigar. | Pauth Brook. . . . . . . . . . . . Cumberland. |
| 357-Janet Marjorie Fullerton | Central N. River. . . . . . . . . Cumberland. |
| 358 - Thelma Grace Roblee. | Springhill. |
| 359-Milda Amanda Rhodinizer | Bridgewater. . . . . . . . . . . . . . . . Cumberland. |
| 360-Mary Janette Robinson. | Wilmot. . . . . . . . . . . . . . . . . . Annenburg. |
| 361-Martrude Mabel Casey | Mosherville. . . . . . . . . . . . . . . . Annapo |
| 362 - Margaret Jane Foo | Merigomish. . . . . . . . . . . . . . . . Pictou. |
| 363-Alice Hamito Sanders.. |  |
| 364 -A Hamilton Macdonald | North Sydney Annapolis. |
| Helen Willena Stephens | Tenecape Hants. |

## 1916.



| 43-Shirley Claudine M | Chester | Lunenburg. |
| :---: | :---: | :---: |
| 44-Percey Waugh. |  | Colchester. |
| 45-Millie Sara Baker | Maplewood | Lunenburg. |
| 46-Jean Mary Pothier | Yarmout | armouth. |
| 47 -Helena Blackadar D | South Ohio | Yarmouth. |
| 48-Theora Winnifred Rouda | North Kempt | Cumberland. |
| 49-Margaret Florence M | River Hebert | Shelburne. |
| 50-Azul Guyon Smit | Waterville | Kings. |
| 52-Esther Margaret Drysdale | Walton | Hants. |
| 53-Mary Julia Hallisey. . . . . | Halifax | Halifax. |
| 54-Gladys M. Aitchison. | Milburn. | Colchester. |
| 55-Minnie Eveline Whidden | Lower Ons | Colchester. Annapolis. |
| 56-Effie Grace Messinger | Beach Me | Queens. |
| 57-Ethel Marie Wharton.... | Durha | Pictou. |
| 59-Joseph Henry Digout | Ca | Richmond. |
| 60-Clara Jane Samson. | Poulan | Richmond. |
| 61-Constance Angelina Zwicker | Mahone Bay | Lunenburg. |
| 62-Eva Luella Young. | Scotsburn | Pictou. |
| 64-James Llewelyn Bowlby | Paradise | Annapolis. |
| 65-Mabel Catherine Lynch | Nutby | Colchester. |
| 66-Emilie M. Amirault | Amirault's Hai | Yarmouth. |
| 67 -Helen Stacey Gladwin. | Truro.... | Inverness. |
| 68-James John Ryan Hugh | . So. Brookfie | Queens. |
| 70-Mary Edith Smith. | Glenholm | Colchester. |
| 71-Jessie MacKay. | Caledonia | Cape Breton. |
| 72-Isabell Gillis. | East Bay | Yape Breuth. |
| 73-Rose Emma Bourque. | Eelbroo | Yarmouth |
| 74-Hanna Rose Mac | Baddeck. | Cape Breton. |
| 75-Isadore Levine | Hace Bay | Antigonish. |
| 76-Mary Bernedette We | Harve Bo | Shelburne. |
| 77-Elizabeth Pride Cole | Louis Head | Shelburne |
| 79-Ethel Henderson | Avonport | Kings. |
| 80-Annie Holmes Phillips. | Mira Gut | Cape Breton. |
| 81-Florence Margaret Matheson | Sydney | Halifax. |
| 82-Lottie Etta Otto. | Dartmo | Yarmouth. |
| 84-Helena Blackadar | Maitland. | Hants. |
| 85-Beatrice Victoria G | Hopewell. | Pictou. |
| 86 -Hettie Alexander Sterling | Sterling Brook | Hants. |
| 87-Margaret Helena Frances Scott | Enfield | Hants. |
| 88-Helen Geneva Wilks | Dartmout | Hatifax. ${ }^{\text {a }}$ d. |
| 89-Emma Maud Soley. | Springhil | Cumberland. |
| 90-Gladys Anna Graham |  | Cumberland. |
| 91-Cynthia Robina Fi | Half Way Rive | Cumberland. |
| 92-Helen May Fraser. |  | Hants. |
| 93-Elsie E. McDougall | W | Yarmouth. |
| 94-Inez Irene Eldridge | Wi | Annapolis. |
| ${ }^{96-M i n n i e ~ L e o t a ~ P a r ~}$ | Fawcett | N. B. |
| 97-Hattie Blanche Crouse | Lockeport | Shelburne. |
| 98-Irene Gladys Hubley | Seabright. | Hal |
| 99 -Rita Elizabeth Hiltz. | East Lawrenceto | Halifax ${ }^{\text {a }}$ d. |
| 100-Lila Merrena Boss | Springhill. | rland. |
| 101-Rose Trerice | Amherst. |  |
| 102-Inez Jeanette Fullmore | Amherst. | Cumberland. |
| 103-Katherine Florence Dyas. | Amhers | Cunenburg. |
| 104-Vera Laura Hiltz | Mahone Bay | Lunenburg. |
| 105-Edith Maude Backma | Lunenburg | Lunenburg. |
| 106-Mildred Muriel Smith | Lunenburg | Lunenburg. |
| 107-Evelyn Beatrice Heb | unenbu |  |

108--Blanche Gertrude Herman
109-Harriet Mae Smith...............
110-Freda Marion McLeod Shields.
Lunenburg. . . . . . . . . . . . . Lunenburg.
111-Margaret Gray Munro. . . . . . . . .
Lunenburg.
Brooklyn. . . . . . . . . . . . . . . Queens.
Scotsburn. . . . . . . . . . . . . . Pictou.
Jordan Falls. . . . . . . . . . . . . . . Shelburne.
Hantsport.
113-Gladys Frizzle
Hantsport
114-Lucy Adeline White
Noel.
Hants.
115-Catherine Belle Collins.
S. W. Margare
Hants.
116 -Jennie Ethel Brown............. . . . .
117 . Minnie Ethel Langille. . . . . . . .
Eastville.
118 -Elsie Gladys Corbett. . . . . . . . . . . . . . .
F
119 —Isabella Steele Blaikie. . . . . . .
120_Jessie Blair Wyllie. . . . . . . . .
ondonderry Sta. . . . . . . . Colchester.
ive Islands . ............... Colchester.
121-Jessie Blair Wyllie . . . . . . . . . . . . . Glenholm. . . . . . . . . . . . . . . . . . Colchester
122- Emma Grace Horton. . . . . . . . . . . Plaister Mines . . . . . . . . . . . Victoria.
123——Martha Morrison Peppard. . . . . . . . Trure . Great Village. . . . . . . . . . . . . . . Colchester


129-Margaret Rose Gavin. ....
Parrsborams................. Kings.
130_Lannie Vivian MacIntosh........Stake Road............................ Cumberland.
182—Ancy May Reese . . . . . . . . . . . . . Springerine Camphill. ........................ Cumberland.
133-Lillian Murray. ................ . . Spiddle Hill....... . . . . . . . . Colchester.
134 - Jessie Belle MacDougall. . . . . . . . . . . Margaree Forks. . . . . . . . . . . . Guysboro
185-Tena Agnes Buchanan........... . . . . S. Gut. St. Anns. . . . . . . . . . . Inverness.
186-Lela Evelyn Wile . . . . . . . . . . . . . . . . . Midville. Gut. . . . . . . . . . . . . . . . . Victoria.

140-Timothy A. Fougere. . . . . . . . . . . . . Halifax. .................... . . . . . Halifax.
141——lera Vance. . . . . . . . . . . . . . . . . . Masstown . . . . . . . . . . . . . . Colchester.
142_Mary MacAdam. . . . . . . . . . . . . . . . . . . Fraser's Antigonish Mills . . . . . . . . . . . . . Antigonish.

145-Mabel Gladys Cochrane. . . . . . . Scotch Village..................... Hants.
147 -Susan Laetitia Giffin. ............. Isaac's Harbor. . . . . . . . . . . . . . . . . .
148-Annabelle Mary Watt. . . . . . . . . . . Trenton. . . . . . . . . . . . . . . . . Pictou.
$1_{50-1}$ Isa MacKay MacDonald....... Glengarry Sta..................... . . Pictou.
151 -Haura Harriet Reid. . . . . . . . . . . . Pictou, . . . . . . . . . . . . . . . . . Pictou.
152 -Harold Embree Grant. . . . . . . . . . Grantville . . . . . . . . . . . . . . . . . Richmond


157 -Marguerite Snow. ................ Port La Tour . . . . . . . . . . . . . . . . Shelburne.
159 Hazel Marie Ritchie. . . . . . . . . . . . . Annapolis Roy . . . . . . . . . . . . . Halifax.


232-Ella May Ralston 233-Edith Mary Brownell
234-Sara Isabel McNaughton
235 -Verna Bonita Nickerson
236-Alice Vent Newcombe.
237-Muriel Helena Keating
238-Muriel Helma Kathleen McLeod
239-Gladys Mabel Rogers
240-Ruth Castello Baxter.
41-Myrtle Forster Banks.
242-Annie Katherine Hen
$243-E v a$ Dell McCulloch.
243-Eva Dell McCulloch. . . . . . . . . . . .
244-Frances Ethelwyn Reynolds.... U
245-Esther Bynetta Gollan. . . . . . . H
246-Esther Bynetta Gollan. . . . . . . . H
246 -John Archibald McDougall. . . .


250-Christene MacLellan............
251-Margaret McSween McLeod..
252-Mary Margaret Beaton........
Glenville . . . . . . . . . . . . . . . . .
254-Annie Irma Nickerson...........
255-Christene McKenzie MacLeod. .
New Waterford
Port LaTour.
Albert Bridge.
Glace Bay
Baynead. ... ................ Cape Breton.
256-Christena MacDonald.....
257 -Ian Donald Sylvester Ross.
Halifax.

259-Grace Gladys Lantz.
Mapleton
Hants.
260 -Lillian Maud Longard.
Tennecape.
Hants.
262—Mabel Davis Wagner................. New Canada.......................... Lunenburg.

264-Jean Denniston Dickson............ Pictou.
Pictou.................... . . . Pictou.
266-Annie Amelia Watt. . . . . . . . . . . . River John. . . . . . . . . . . . . . . Pictou.

268 -Josephine Teressa Trefry

271-Janet Hazel Campbell. . . . . . . . . . . . Inverness. . . . . . . . . . . . . . . . . Inverial Inverness.
273 —Dan John Stewart. . . . . . . . . . . . . . . . . Baddeck. . . . . . . . . . . . . . . . . . . . . Victoria.

275-Evelyn Matilda Publicover . . . . . Blandford. . . . . . . . . . . . . . . . Iunenburg.


279-Firtha Mabel Mosher........... Shubenacadie .
Grand River . . . . . . . . . . . .
280-Elizabeth Grace Blenkhorn. . . . . . Canning............................ . . Richmond.

282 - Gaura Elizabeth Atkinson. . . . . . Fort Lawrence. . . . . . . . . . . . Cumberland.
288-Lily Isabel Bayne ............ Port Greville... ............ Cumberland.
284 -Rily Isabel Bayne .............. Hillsboro......................... Inverness.
285-Rudolf Alexander Clemen. . . . . . . Halifax........................... Halifax.
286-Minnie Margaret MacKay. . . . . . . . Scotsville. . . . . . . . . . . . . . . . . . . . . . . Inverness.

DOMESTIC SCIENCE.

|  | 1916. |
| :---: | :---: |
| $90-\mathrm{Mabel}$ Christena Amos.. | Cape Tormentine. . . . . . . N. B. |
| 91-Margaret Estelle Maclean | Thorburn................ . . . Pictou. |
| 92-Gattie Evelyn Ritcey. | Nictaux Falls . . . . . . . . . . . . . Annapolis. |
| 98 - Bona Mildanche Strong | . . Lakeville. . . . . . . . . . . . . . . . . Kings. |
| 94-Jean Mildred Mills. | Springhill . . . . . . . . . . . . . . . Cumberland. |



# PASS LIST, 1916. EVENING TECHNICAL SCHOOLS, NOVA SCOTIA. 

AMHERST. English-(J. B. Muise, Instructor). Clifford Bond; Hance Purchase; Herman Bennett. Arithmetic (Advanced)-(J. B. Muise, Instructor). Hance Purchase; Roy Facey; Herman Bennett.

Gerald Welch. Arithmetic (Preparatory).
Dressmaking-(Mrs. F. B. Harper, Instructress).
I-Carrie O'Neill; Grace Robb; Edna Hogan; Margaret Munro; Mona
${ }^{\text {Bonnyman; Eva Cook; Ada Harrison; Mary Chisholm; Annie Turner; Adelyn }}$
Lurner; Helen Seaman; Lillie Fage; Mrs. Lyman Moffatt. III-Edith'Lawson;
Lillian Carter; Jean Campbell; Mrs. W. H. Morrell.
Dressmaking-(Mrs. John Fales, Instructress).
$M_{c C l}^{\text {L-Evelyn Chapman; Frances Foster; Dorothy Christie; Verna Pipes; Mamie }}$
Ina Freey; Mrs. Boyd Brownell; Mrs. J. T. Chapman. I-Mrs. George Bland;
Heber Crawford Freda Freeman; Dora Coumere; Lula Lower; Sutia Briggs; Mrs.
Donaldson.
Stenography and Typewriting I-(Miss Myrtle Black, Instructress.).
Catherine Burgess; Mary Cyr; James Lewis; Mildred McLeod; Ollie MacLean;
McLeod; Evelyn Purdy. Peel; Lillian Richardson; Gertrude Siddle; Marjorie
Stonography and Typewriting II-(Miss Myrtle Black, Instructress).
Grabenevieve Bowser; Frances Berry; Dora Cormier; Pearl Fanning; Beatrice
${ }^{\text {Graham; Natalea Oulton; Katherine Simpson. Diplomas-Ida Brenton; Iota }}$
man; Myrtle Fielding.
Bookeeping-(George Zwicker, Instructor).
Hartley; Mna Allen; Margaret Fraser; Mabel Gould; Herrick Anthony; James
ton, ${ }^{\text {tey }}$; Marshall Anderson; Chas. Burke. III-Burton Carty; R. D. McNaughMechanical Drawing-(W. F. Colchester, Instructor).
${ }^{\text {ton }}$ Charles Casey; Harry McAdam; Heber Crawford; Thomas Crossley; Welling -
Elements of Electricity-(W. W. Casey, Instructor).
Catey; Ramond Gould; Nazaire Gagnon; Harry Simpson; Carl Smith; Harry ; Lloyd Peel; Arthur Caldwell; Fred McLean; Tommy Lusby.

Gasoline Engines-(A. S. Larder, Instructor).

Harry Rafems; Fletcher Coates; Oscar Allen.
Automobile Engineering-(A. S. Larder, Instructor).
Lynn Crossman; Charles Crease; F. D. King; J. F. Budro; W. Lusby; Arthur Hayden.

## halifax.

Preparatory-Bloomfield School-(F. J. Phelan, Instructor).
Roy Vail (Certificate of Merit); Fred Nicks; George Mason; George Stokes; Gordon Munroe; Vera Hurshman; Muriel Mosher; Joseph Cartmer.

Preparatory-Young St. School-(D. M. Matheson, Instructor).
John O'Toole (Certificate of Merit); Edward Bauer; Andrew Sullivan; Harold Elford, ; James Leonard.

Preparatory-Richmond School-(G. M. Huggins, Instructor).
Florence Kennedy (Certificate of Merit); Lizzie Kennedy; Greta Huggins; Eva Croft; Carrie Kennedy; Ralph Latter; Harold Cole; Ted Little; Charles Andrews.

Arithmotic and English-(H. W. Kirkpatrick, Instructor).
I-Myra Russell. II-Howard Raftus; James Flemming; Thomas Supple. III-James Fultz. IV-Elsie Schnare (Certificate); Wilson Bungay; Sydney Brown; Robert Walsh.

Arithmotic and English-(R. Earle Day, Instructor).
IV-Stanley Marchant (Certificate of Merit); John Wall; William Butler; James Cody; Victor Gromley; Isabel Loxdale. III-Charles Levy; Kathleen Jones; Hazel Thorne.

## Arithmetic and English-(W. C. Stapleton, Instructor).

1II-Mrs. Lena Baltzer (Certificate of Merit); Fannie Blakeney; Claris ${ }^{69 a}$ Evans; H. J. Howard; Hugh Day; Terence O'Toole; W. French; Arthur Dalton.
English-(Only).

Walter Raftus.
Practical Mathematics-(J. B. Hayes, Instructor).
H. H. Hill (Certificate of Merit); Frank Gall; William Aronoff.

Dressmaking-Richmond School-(Miss K. O'Neill, Instructress).
I-Annie Marryatt; Jean Isner; Edith Cochran; Viola Baker; Annie Creighton; Mrs. C. Bramhall; Mrs. A. Milsom; Mrs. E. Hollands; Mrs. J. S. Harrisalgh; Mrs. E. Lawrence (Certificate). III-Eva Croft; Katie Marks; Mamie Mrs. J. R. Jamieson.

Dresumaking 1-(Miss E. McCawley, Instructress).
Lelia Bayers; Katie Carroll; Bertha Carroll; Kathleen Cornfoot; Collett: Miriam Hiscock; Lucy Kravis; Ruth Kavanagh; Mrs. Cotie; Winiffed Day (Certificate); Annie Gleaves; Mrs. Wm. Graves; Pearl Giles; Maggie Kelly; Florence Thompson.

## Dressmaking I-(Mrs. Jane Fader, Instructress).

Violet Hill; Dora Baily (Certificate of Merit); Gertrude O'Toole; Hazel Wallace; Mary Terney; Lillian Innis; Myrtle Wallace; Mrs. Gordon Innis; Mrs. Alex. Hashie; Gertrude Welsh; Gladys Morash; Lottie Haley; Sadie Laba; Sadie Arab; Lillian Turner; Florrie Hartlen; Hilda Shaw.

Dressmaking II-(Miss M. Dee, Instructress).
Jennie Shears (Certificate of Merit); Edna Cohen; Ruby Davidson; Bessie Drillio; Irene Forhan; Mabel Harding; Winnifred Hughes; Lily Hunt; Katie Lahey; Ethel Lennerton; Nellic Olie; Lena Stears; Florence Tidgwell; Mrs. Mary Towill; Annie Walker.

> Dressmaking II-(Mrs. K. E. Hoplsins, Instructress).

Mrs. J. P. Osmund (Certificate of Merit); Lizzie Boutilier; Alice Carroll; Eleanor Carroll; May Romo; Mrs. Wm. Hamm; Lillian Morash; Amy Brotchie; Bessie Moser; Ethel Roberts.

## Dressmaking III-(Mrs. George Hunt, Instructress).

Daisy Archer; Gertrude Black; Frances Brown; Teresa Brown; Helen Cameron; Rher DeCovit; Irene Cooke; Dorothy Grant; Claire C. Howe; Lilly Holland; Rita Keating; Ethel Langille; Rita Mantin; Gladys Schnare; Beatrice Tozer; Marjorie Tozer (Certificate of Merit); Edith Waller; Mrs. Walsh; Katherine White; Bella Williams; Mrs. M. F. Young.

## Dressmaking III-(Miss S. L. Norton, Iustructress).

Mrs. Fred Langille (Certificate of Merit); Mrs. George Bool; Mrs. George
Bowen; Ethel Carlton; Cecilla Collett; Drucilla Conrod; Mrs. Vincent Coy; Hattie Crowell; Mrs. Robert Ellis; Mrs. James Kinnear; Minnie Kravis; Rae Langille; Beatrice Leslie; Mrs. Herbert Little; Ethel McDonald; Gladys Moore; Mrs. Clifford H. Smith; Daphnee Smith; Mrs. Stanley Smith; Katie Stear;
Blanche J. Tullock.

## Domestic Science-(Miss S. E. Archibald, Instructress).

Daisy Archer; Dora Boutilier (Certificate of Merit); Kathleen Bennett; Mrs. I. Y. Chisholm; Madge Dobson; Hazel Dobson; Mrs. W. H. Fahie; Mrs. R. B. Hartlen; Barberie Ogle; Mrs. Whalley.

> Millinery I-(Miss M. Walsh, Instructress).

Mrs H. Barry; A. Fraser; Mrs. M. Y. Young; M. Gillis; Mrs. Gibson; P. White; Holj. Jarrett; Mrs. Thorne; Mrs. C. Legal; Miss Hancock; M. Hickey; Miss A. Nette; J. Cuvelier; Mrs. H. C. Macfariane; E. Darrach; K. Stewart (Certificate) Nieforth; M. Franklin; Mrs. Merritt; Mrs. A. Payne.

## Millinery I-(Miss M. D. Cragg, Instructress).

M. Beaton; Mrs. F. Craig; K. Crowley; E. Cave; Mrs. DeYoung; Mrs. A.

Emery; Mrs. Farquharson; E. Kirker; B. Miller; Mrs. L. A. Ogilvie; M. O'Connell; Mrs. Priestman; Mrs. Koss; I. Smith; Mrs. E. Willis; C. Neiforth; Dora
Mora Mrs. W (Certificate); Mrs. J. Morash; Mrs. Sterling; M. Nieforth; E. J. Wooley; Mrs. W. E. Donovan; M. Donovan; K. Henrion; N. Oland.

## Millinery II-(Miss M. D. Cragg, Instructress).

Moshrs. W. H. Stevens; Mrs. T. Killeau; Mrs. John Mitchell; Mrs. Walter
$h_{\text {anf }}$ E. Mrs. J. McLellan (Certificate of Merit); M. O'Neill; A. Poole; E. Shee$\underset{9}{ }$. Saunders; J. Wells; L. B. Webber; K. Smith; K. Healy; T. Whitzman.
S. E. Bookkeeping-(J. E. Rutledge, Instructor).

Vera Mont (Certificate of Merit); Mrs. Maud Henderson; Mary Castel; Ralph Maclean; Winnifred Burford; Cordelia Nelson; Harold Chislett; Evelyn Young; F. H. Moseley; Roxie Myers; Bertha Yeadon; Harold Brady; Sergt. G. Hamm; Annie Stewart.
D. E. Bookkeeping-(T. H. Johnson, Instructor).

I-Fred Wilkes; Wallace M. DeMone; Edward Howard; Everitt D. Lloy; Charles F. Payne; Charles Wilson; Walter I. Yeadon; Mabel Sellars. II-Morris B. Swirling (Certificate of Merit); Thomas Grant McGrath; Walter Dooks; George F. Iceton.

## D. E. Bookkeeping-(J. A. Chisholm, Instructor).

III-(First Half) Susie Barrett; Lela G. Crist; (Second Half) Chas. Menchions. II-A. Carlson; Mary G. E. M. Young; Marguerite Gibson. IChester Trott; Millicent Topple; Wilfrid L. Nelson; Florence A. Burgess; Hugh H. Stevens; Alex. C. Watson; F. H. Payne; Annie C. Watson.

## Mechanical Drawing-(R. L. Nixon, Instructor).

A. J. Cook (Certificate of Merit); Sandy Naylor; John Wotherspoon; Wm. McCurdy; George Fultz; Jacob Trueb; A. V. Vaughan; Duncan Baker; John Travis; Robt. Condran; J. L. Veinot; Alf. Garland; Alex. Lloyd; Edward Condon.

Machine Drawing-(L. C. Strickland, Instructor).
Ernest LeCocq; Harry Gould; Henry Carreau (Certificate of Merit;) Clyde Boutilier; Edward Craig; T. J. Spofforth.

Machine Design-(W. S. Ayars, Instructor).
J. M. Brinton; H. H. Hill; Wm. A. Russell; B. G. Smith (Certificate of Merit).

Building Construction Drawing-(R. A. Johnson, Instructor).
W. Phillips (Certificate of Merit); P. Haverstock; J. H. Baltzer; Bertie Lake. Architectural Drawing-(R. A. Johnson, Instructor).
H. Misener; Thomas Bottomley.

Arch. Design and Estimating-(R. A. Johnson, Instructor).
W. Mosher (Certificate of Merit) ; D. W. Watson; A. E. Priest; H. Fisher.

Steam Engineering-(C. A. Hodge, Instructor).
W. D. Rutherford (Certificate of Merit); R. McDonald; W. Dooks; Roy Mont.

Gasoline Engines-(C. O. Noble, Instructor).

Mary Gowan (Certificate of Merit); Leo Keating; Winslow Gates; Robert Vaughan; Bernard Fenton; Percy Wright; Edward Barry; Harold Williams; J. A. Evans; William Doyle; W. O'Sullivan; W. Anson Brown; R. A. Hendry; J. Downie.

Elements of Electricity-(D. R. Munro, Instructor).
Edward Berteaux (Certificate of Merit) ; W. M. Clark; Edwin Morash; Frederick Nolan; William Parker; John Purcell; Frank Settle.

Direct Current Machinery-(J. E. Sheehan, Instructor). F. G. Arthur (Certificate of Merit); A. C. Jackson; A. G. Knodell; J. Mahar. Alternating Current Machinery-(D. R. Munro, Instructor).
Walter Rutherford (Certificate of Merit); Elliott Campbell.
Chemistry I-(G. F. Murphy, Instructor).
R. McFatridge (Certificate of Merit); W. Shaffner; W. F. Boudreau.

III-J. E. Purcell; George Grey.
Surveying-(C. J. Smith, Instructor).
A. R. Patton (Certificate of Merit); C. J. Hayes; D. F. Saxton; F. A. Love-

Garment Making-(Ceorge Tolson, Instructor).
Gerald Conrod (Certificate of Merit); Arthur Mallalay.

## NEW GLASGOW.

Arithmetic-(A. C. Baillie, Instructor).
II—Bruce Stevens. III—Lewis Arbuckles; Laurence McRae; M. R. Logue;
Harold Malcolm. IV-Graham Stevens; Charles Merlin; J. C. Logue; E. T.
Herring. Graham Stevens (Certificate of Merit).
Practical Mathematics-(J. T. McLeod, Instructor).
Clarence McKay; John Muirhead; Frank White.
Architectural Drawing-(H. G. Clark, Instructor).
Fred Bertram; James Waugh.
Mechanical Drawing-(A. P. Mackenzie, Instructor).
Huntley Cameron; Edward Bugdon; John Nowak; Albert Fraser; Earl Munroe; Clifford McDonald; Francis Kelly; John Fisher; Rod McGregor; George Fraser; Wm. Hodgkins; Leslie Bailie; George Munroe; Gilbert Kempton; Thos. ${ }^{H}$ Hughes; Earl Cameron; John Gillis; Wm. Braid; Alexander Dalgarno; Thos. ughes (Certificate of Merit).

> Machine Drawing-(J. S. Valts, Instructor).
W. F. Herring.

Dresemaking-(Annie F. Grant, Instructor).
Christine S. Macdonald; Ruth Cameron; Alwilda Hunt; Ora Kennedy;
Jean Irvine; Rose McKenzie; Nellie Suttis; Christena MacDonald; Mrs. William Coalburn. Mrine; Rose McKenzie; Nellie Suttis; Christena MacDonald; Mrs. William , Mrs. Wiliam Penketh; Mrs. Joseph Gorden; Lena Murray.
Dressmaking (afternoon class)-(Annie F. Grant, Instructress).
Helen McLean; Christena Webster; Mrs. Archie Ross; N. M. Cooke; Char-
lotte Armstrong; Eloise Lithgow; Nora Townsend; Margaret Wright; Mrs. H. H. Olding; Mrs. George H. Johnston; Annie Barrett; Margaret Sylvester; Maud ng; Ivy Sutherland; Margaret McQueen; Mary McKaracher; Jessie Fisher.

## Domestic Science-(Margaret McQueen, Instructress).

Katherine Macdonald; Margaret Chisholm; Margaret MacInnis; Mary Macdonald; Margaret Lamey; Florence Ferguson; Flora Steele; Cassie Stevens: Vinnie Stevens; Bertha Smith; Cassie Macdonald; May Pearn; Mrs. R. P. Dennison; Miss Susie Robertson; Mrs. Archie Ross; Eva MacLean; Elizabeth Hoare; Mrs. J. H. Ross; Lida Larsen; Lucy Hale; Christina Webster; Margaret Picken.

## TRURO.

Mechanical Drawing-(Geo. J. Mosher, Instructor).
Douglas Wetmore; Colin Dixon; James Evans.
Machine Design-(Geo. J. Mosher, Instructor).
Herman Mahon; Arthur Phillips; J. H. Gazeley; Fred Byron.
Dressmaking-(Mrs. Davis, Instructress).
I-Lulu Carter; M. Lodge; E. Roblee; B. MacDowell. II—Bertie Creighton; K. McVicar; E. Mann; Ruby Hoare; A. Jamieson; Mrs. S. McNutt; Mrs. H. A. Johnson; Mrs. W. Robertson; Mrs. P. J. Shaw; Bessie Logan. III-B. Carr; C. McLean; Mrs. R. H. Phinney.

## YARMOUTH.

Business English-(George D. Blackadar, Instructor).
Jennie Comeau; Mary A. Comeau; Mary M. Comeau; May Comeau; Florence Pothier; Will Moses; Jovite Jacquard; Lloyd Moses.

Arithmetic-(A. W. Horner, Instructor).
I-Annie LeFave; Arthur Ring. II-William Moses; Lloyd Moses. IVBenjamin Moses; Russel Burns; Grant Allen.

> D. E. Bookeeping I-(Roy S. Kelley, Instructor).

Arthur L. Thurston; Murray Homer; John A. Blackadar; Charles L. Reeves; Irvin R. Porter; Victor A. Porter; Heber E. Durkee; Dorothy L. Pitman; Mary Wallace.

Stenography and Typewriting I-(Mrs. G. A. C. Walsh, Instructress).
Laura Kinney; Odessa Lent; Helen Potter; Myra Gridley; Amy Nickerson; Myrtle Harding; Muriel Porter; Ethel Adams; Hazel Taylor; Rita Sweeney; Wilfred Lavin; George Wyman; Sarah Eldridge; Josie Edgar; Evelyn Wetmore; Winnie Bellevue; Vera Cushing; Annie Delaney; Lois Cook.

## Architectural Drawing-(R. H. Davis, Instructor).

Frank Gavel; Harold Rozee; W, Pothier; Andrew Kirker.

> Mechanical Drawing-(Melford Grant, Instructor).

Alester Patten; Seymour Crowell; Austin Harding; Charles Morrell; Robert Grant; Chester Churchill; Asa Doane; Robert Grant; George LeBlanc; Kenneth Poole.

Elements of Electricity-(John C. Ross, Instructor).
Bernard Cook; Lorrie Smith; Bernard Smith; Ernest Goddart; Alfred Morrell; Arnold Porter; Charles Dyke.

Dressmaking I-(Miss Clara Perry, Instructress).
Letha Muise; Ida Cohen; Marion Amiro; Fanny Newell; Bessie Jolly; Mrs. H. Wyman; Maude Pothier; Emelia Noah; Harriet Sweeney; Mrs. L. Porter; Mrs. C. Porter; Marjory Eldridge; Marion Byzanson; Margaret Adams; Cather: ine Deveau; Mrs. C. Purdy; Mrs. C. Killam; Mrs. V. Killam; Ruth Hamilton; Mrs. A. Carey; Annie Williams; Renetta Kinney.

Millinery I-(Miss M. B. Johnson, Instructress).
Lou Raymond; Mrs. L. Page; Mrs. Wm. Phillips; Bertha Foster; Mrs. .E McRoy; Margaret DeEntremont; Mrs. Wm. Baker; Eva Melanson; Agnes White; Mrs. Oscar Davis; Hattie Durland; Albert Downey; E. Deveau.

## PASS LIST, 1916. COAL MINING SCHOOLS.

## PREPARATORY.

Inverness-(Lewis McLellan, Teacher).
Neil A. McDonald; D. D. McDonald; George Leslie; Jas. Keenan; Rod MeInnis.

Port Morion-(H. C. Woodbury, Teacher). Orr. Edward Crosby; Alex McIsaac; Thos. Morrison; George McArel; Robert

Dominion-(C. E. Howard, Teacher).

Stanley Boone; John H. Gillis; Joseph Boone; Charles McKenna: Michael McNeil; Harry Simpson.

Reserve Mines-(W. H. Young, Teacher).
Henry Chiasson; Joseph Nearing; Jas. Marsh; Sam Hachie; Mark Chiasson.
Sydney Mines-(John A. McLean, Teacher).
O. John Aldred; Fred Bartlett; Alex. Finlayson; Eustace J. Julian; John Petersell; Wm. Cullen; John Dickenson; Stanley Jones; John Lee; Chas. David Spi Everett Pears; Robert Taylor; John McDonald; Ronald Leich; David Spratt; Sydney Tutty; Jas. Hunter; Wm. Crawford.

> Florence-(R. S. McLeod, Teacher).

Archie Morrison; Benj. Martin; David Gillan; Peter Noisworthy; Major Geo. Ferguson. Ward Wain; Alex. Morrison; William Mann; John L. Hill; . Ferguson; Walter Williams; John Wain.

Dominion No. 6-(Geo. Underwood, Teacher).
John McKinnon; Parker Murrant; George Nearing; Bertram Murrant; Robert Reid; Norman Borden.

Stellarton-(Millage Oulton, Teacher).
Fred Gordon; Samuel Conway; Arthur Hambleton; Murdock McKenzie; Wm. J. Conway; Bernard McGillivray; Thos. Isaacs; John McDean.

Westville-(F. I. Lent, Teacher).
Roderick McDonald; Clarence McDonald; Chester Rundle.
Joggin Mines.-(B. R. Hall, Teacher)
Archie McAfee; Leslie Webb; D. Miller.

| PROVINCIAL AID |  |  | 'Tibert, W. K. Thurber, R. E. | 69 102 | $\begin{array}{r} 40 \\ 59 \\ 51 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| To Teachers employed in the Public Sohools for the half year ended, 30 June, 1916. |  |  | Tompkins, Grace | 103 | 6000 |
|  |  |  | Trenholm, Olga | 102 | 5941 |
|  |  |  | Wheelock, Mildred E. | 103 | 6000 |
|  |  |  | Whitman, Annie S. | 102 |  |
|  |  |  | Adams, Mildred Louse | 103 | 4500 |
|  |  |  | Banks, Ida B. | 103 | 4500 |
|  |  |  | Brooks, Blanche E. | 103 | 4500 |
|  |  |  | Buckler, Alma L. | 103 | 4500 |
|  |  |  | Burke, Mary S. | 99 | 4324 |
|  |  |  | Covert, Stella M. | 103 | 4500 |
|  |  |  | Dounie, Helena C. | 103 | 4500 |
|  |  |  | Fralic, Elsie C. | 103 | 4500 |
|  |  |  | Goul, Ethel | 103 | 4500 |
|  |  |  | Harris, Lillian B. | 103 | 4500 |
| ANNAPOLIS. |  |  | Hudgins, Minerva | 101 | 4412 |
|  |  |  | Jackson, Annie L. | 103 |  |
| Dill, Geo. W. Ruggles, Lenfest W. Crowell, Deborah C. H | 103 | 10500 103 | Knox, Perry McGregor | 103 | 4500 |
|  | 102 | 10398 75 78 | Lambertson, Winnie G. | 103 | 4500 |
|  | 103 | 7500 7427 | Margeson, Hanna L. | 103 88 | 4500 38 38 |
| Thorne, Alice E Woodbury, Ada M. Young, Marguerite E. | 103 | 7500 | Mussells, Dor | 100 | 4368 |
|  | 103 | 7500 | McBride, Beulah | 101 | 4412 |
| Aoung, Marguerite E. <br> Armstrong, Laura Balcom, Irene C. Banks | 39 | 2271 | McBride, Bessie V. | 53 | 2315 |
|  | 101 | 5883 | McCullum, Alberta M. | 102 | 4456 |
|  | 98 | 5707 | MacMichael, Myrtle P. | 96 | 4193 |
| Banks, W. E. ${ }_{\text {Brant }} 102$ |  | 5941 | Reagh, Fannie O. | 103 | 4500 |
|  |  | 500 | Schaffner, Margaret A. | 103 | 4500 |
| Buckler, Kathleen Busten, H. L. | 103 | 6000 | Simpson, Lizzie M. | 63 | 2752 |
| ${ }_{\text {Chipman, Emma }}$ W. | 103 | 6000 | Spinney, Laura B. | 102 | 4456 |
|  | 103 | 6000 | Spurr, Hortense V. B. | 103 | 4500 |
| Chute, Flossie H. | 102 | 5941 | Spurr, Annie M. W. | 102 | 4456 |
|  | 102 | 5941 | Watson, Annie S. | 103 | 4500 |
| Chute, Edith E. | 75 | 4368 | Winchester, Dora M. | 103 | 4500 |
| Crawford, Lillian E. | 103 | 6000 | Z wicker, Lulu DeB. | 103 | 4500 |
| Fitz Randolph, Mary F.Franey, Mary J. | 101 | 5883 | Apt, Evelyn B. | 103 | 3000 |
|  | 103 | 6000 | Charlton, Hazel E. | 64 | 1863 |
| Fraser, Vola A. | 103 | 6000 | Brown, Georgie M. | 103 | 3000 |
|  | 34 | 1979 | Buddle, Frances L. | 103 | 3000 |
| Graser, Stanley I.. | 103 | 6000 | Burbridge, Hazel M. | 103 |  |
| Gesner, Pheobe A. | 102 | 5941 | Eisenhauer, Hilda P. | 89 |  |
| Harris, Hazel C. Louise | 103 | 6000 | Elliott, Annie E. | 100 | 2912 |
|  | 103 | 6000 | Fairn, Henrietta M. | 100 | 2912 |
| Jatchinson, Gladys | 102 | 5941 | Fairn, Julietta P. | 103 | 3000 |
|  | 103 | 6000 | Fox, Edith H. | 103 | 3000 |
| Lacqes, Violet D. | 103 | 6000 | Gould, Muriel G. | 98 | 2853 |
| Loyd, Constance | 102 | 5941 | Harvey, Elizabeth 1st $\frac{1}{2}$ yr | 98 | 2882 |
|  | 103 | 6000 | Harvey, Elizabeth 2nd $\frac{1}{3} \mathrm{yr}$ | 101 | 2941 |
| Longley, Hilda M. | 103 | 6000 | Harnish, Lloyd D. | 96 | 2795 |
| Morrison, Myrtle A. | 103 | 6000 | Hunt, Gladys | 101 | 2941 |
|  | 102 | 5941 | Jackson, L. May | 101 | 2941 |
| Mids, Emily M Mrtle A. | 103 | 6000 | Jones, Estelle A. | 103 | 3000 |
| McGill, Flora M. | 102 | 5941 | Lantz, Grace Muriel | 103 | 3000 |
| Nichols, Aulline | 102 | 5941 | McCulloch, Alice E. | 103 | 3000 |
| ${ }_{\text {Palfrey, }}{ }^{\text {Pallison C. }}$ | 93 | 5416 | McFadden, Pearle N. | 101 | 2941 |
|  | 102 | 5941 | Maclnnis, Emma | 103 | 3000 |
| Poole, Vera M. | 103 | 6000 | Morgan, Elizabeth E. | 103 | 3000 |
| Reater, Mary E. | 101 | 5883 | Ogilvie, Gertrude S. | 102 | 2970 |
|  | 103 |  | Oickle, Sadie P. | 103 |  |
| Roney, Adelaide M. | 103 | 6000 | Parker, Hettie E. | ${ }_{1017}{ }^{99}$ | 2882 2956 |
| Rugey, Annie | 103 | 6000 | Payson, Laura M. | 103 | 3000 |
|  | 101 | 5883 | Reinhardt, Gladys M. | 99 | 2882 |
| Spinney, F. H. | 100 | 5825 | Sanford, Eva H. | 103 | 3000 |


|  |  |  |
| :--- | ---: | ---: |
| Sawler, Winnifred | 101 | 2941 |
| Smith, Mary P. | 101 | 2941 |
| Smith, Mar,uerite I. | 99 | 2882 |
| Wamboldt, Myrtle D. | 103 | 3000 |
| Ward, Helena W. | 94 | 2737 |
| Whitman, Eva M. | 103 | 3000 |
| Whitman, Laura B. | 98 | 2883 |
| Wood, Ruby A. | 103 | 3000 |

## Poor Sections.

| Adams, Alice E. | 93 |
| :--- | ---: |
| Bent, Helen L.. | 100 |
| Berry, Ella M. | 63 |
| Buckler, Laura J. | 81 |
| Buckler, Nellie M. | 102 |
| Cooke, Hattie | 103 |
| Kelly, Laura | 103 |
| Mailman, Gladys V. | 96 |
| Mason, Helen | 103 |
| Miller, Birdie G. | 71 |
| Roach, Dorothy M. | 103 |
| Rogers, Florence A. | 103 |
| Saunders, Ruth H. | 39 |
| Sanders, Jane O. | 98 |
| Simpson, Mary E. | 53 |
| Slocomb, Vera Marie | 97 |
| Swallow, JJessie Pearle | 101 |
| Wile, Lillian H. | 101 |
| Wright, Dennis B. | 103 |

Special Poor Section.
Lake Munro

## Assisstant.

Neily, Nina M. 68
1320

## Consolidation.

Pcrotte, Con. under Sec. 5 (21)
$20 \quad 54$

## Annuitants.

Shaffiner, S. C.
Brown, A. D.
McGill, Geo. B.
Richardson, Mrs. R. A.
Vidito, Helen A.
Jones, Watson C.
Saunders, Arthur W.
19853
6000
60
60
60
60
60
45
400
33
30

## ANTIGONISH.

| Boyle, James |  |  |  |
| :--- | ---: | ---: | ---: |
| Coady, Moses M. | 94 | 82 | 15 |
| Sr. St. Thomas des Anges | 94 | 95 | 92 |
| Doan, William A. | 103 | 90 | 00 |
| Ricker, Annie L. | 102 | 75 | 00 |
| McAmis, Katic | 103 | 74 | 27 |
| Macdonald, Sadic | 103 | 6000 |  |
| McInnis, Annie | 103 | 60 | 60 |
| Mon | 00 |  |  |
| Mclean, William | 103 | 60 | 00 |
| Robinson, Byron | 58 | 33 | 77 |


| Somers, Alex. M. | 103 | 6000 |
| :---: | :---: | :---: |
| Strople, Stella M. | 103 | 6000 |
| Sister M. Leonora | 103 | 6000 |
| Sister St. Marie Paula | 103 | 6000 |
| Boyd, Effie Ann | 100 | 4368 |
| Chisholm, Catherine M. | 103 | 4500 |
| Chisholm, Florence | 103 | 4500 |
| Chisholm, Sarah C. | 103 | 4500 |
| Chisholm, Teresa | 100 | 4368 |
| Dunn, Florence C. | 103 | 4500 |
| Ftoyd, Alice | 103 | 4500 |
| Homer, Catherine C. | 103 | 4500 |
| MacAskill, Jessie M. | 103 | 4500 |
| Macdonald, Catherine | 101 | 4412 |
| Macdonald, Cassie | 103 | 4500 |
| Macdonald, Catherine | 103 |  |
| Macdonald, Mary Ann | 103 | 4500 |
| Macdonald, Mary | 103 | 4500 |
| Macdonald, Angus G. | 103 | 4500 |
| Macdonald, Margaret | 103 |  |
| Macdonald, William J. | 43 | 1877 |
| McDonnell, John | 103 | 4500 |
| McDougall, Mary A. | 103 | 4500 |
| McEachern, Penelope | 103 | 4500 |
| McIsaac, Jean | 102 | 4456 |
| McKenzie, Gertrude | 103 |  |
| McKeaugh, Annie | 102 | 4456 |
| McLean, Josephine | 103 | 4500 |
| McLellan, Mamie | 103 | 4500 |
| Mullins, Annie J. | 103 |  |
| O'Connell, Bridget | 103 |  |
| Sister M. Pelagia | 103 | 4500 |
| Sister St. Hugh | 103 | 4500 |
| Sister St. Walburga | 103 | 4500 |
| Boyde, Mary M. | 102 | 2970 |
| Campbell, Mary | 103 | 3000 |
| Cameron, Annie T. | 103 |  |
| Cameron, Eva | 103 | 3000 |
| Chisholm, Jas. W. | 103 | 3000 |
| Crispo, John T. | 103 |  |
| Dunlavy, Jennic | 103 |  |
| Hogan, Catherine | 103 |  |
| McDaniel, Mary J. | 103 |  |
| Macdonald, Annie | 103 |  |
| Macdonald, Harrict | 103 | 3000 |
| Macdonald, Mary E. | 103 |  |
| Macdonald, Mary C. | 86 |  |
| Macdonald, Mary E. | 103 | ${ }^{30} 000$ |
| Macdonald, Henrietta | 103 | ${ }^{30} 80$ |
| Macdonald, Mary C. | 98 |  |
| Macdonald, Angus A. | 103 |  |
| Macdonald, Laura B. | 94 |  |
| Macdonald, Anna M. | 103 | 3000 |
| Macdonald, Annie B. | 103 |  |
| Macdonald, Mary F. | 103 |  |
| Macdonald, Vernie | 103 |  |
| Macdonald, Sarah M. | 103 |  |
| MacGillivray, Teresa | 101 |  |
| McIsaac, Mary | 103 | 3000 |
| Sister St. Marie Beatrice | 103 | 3000 |
| Watkins, Isabel | 103 |  |
| Poor Sections. |  |  |
| Chisholm, Mary C. Gillis, Isabel | $\begin{aligned} & 102 \\ & 103 \end{aligned}$ | $\begin{aligned} & 3961 \\ & 40 \\ & 40 \end{aligned}$ |



| MacLean, Eleanor C. | 91 | 5300 | Cameron, Christina | 103 | 4500 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Maclean, Eleanor C . | 103 | 6000 | Cash, Elizabeth J. | 103 |  |
| McLellan, Stella | 103 | 6000 | Chisholm, Christina | 102 |  |
| McLennan, A. Josephin | 102 | 5941 | Chisholm, Sadie | 103 |  |
| McLeod, Christina | 102 | 5941 | Costello, Georgina | 103 | 4500 |
| McLeod, Roger S. | 103 | 6000 | Currie, Teresa | 103 | 4500 |
| MacMillan, Katherine | 102 | 5941 | Dalcy, Annic S. | 101 | 4412 |
| MacNeil, Jennie E. | 103 | 6000 | Devoc, Pearl ${ }^{\text {Dickie, Mabel }}$ B | 103 | 4500 |
| MacNeil, Kate | 103 | 6000 | Dickie, Mab | 102 | 4456 |
| McNeil, Sarah A. | 103 |  | Farquharson, Annie | 103 | 4500 |
| MacNeil, Stella M. | 103 | 6800 | Fyfe, Magdalen M. | 102 | 44 <br> 46 <br> 42 <br> 18 |
| Maguire, Gertrude J | 102 | 5941 | Fyfe, Nora | 97 |  |
| Matheson, Maude H. | 103 | 6000 | Gouthro, Alice | 101 |  |
| Moore, Edith | 103 | 6000 | Gouthro, Lillian | 103 | 4450 |
| Moreshead, Mary A. | 103 | 6000 | Grant, Bertha A. | 103 | 4500 |
| Munn, Ella M. | 103 | 6000 5888 | Hamilton, Agnes | 103 | 4500 |
| Munn, Nina A. | 101 | 5883 6000 | Holmes, Jessi | 12 | 872 |
| Nicholson, Mary | 103 | 60 600 00 | K | 103 |  |
| O'Keefe, Margaret M. | 103 | 60 41 | Kerr, Anni | 102 | $44{ }^{56}$ |
| Onellette, Lena | 102 | 4834 | Kyte, Angela E. | 103 |  |
| Patterson, Mary E. | 77 | 4484 | Macaulay, Ida | 96 | 4150 |
| Power, Winifred L. | 103 | 6000 | McAulay, Nina | 103 | 4456 |
| Ross, Annie M. | 102 | 5941 | McCormick, Katherine | 100 | 4368 |
| Ritcey, Edith A. | 103 | 6000 | MacDonald, Cas | 100 | 4456 |
| Ritcey, Geraldine O. E. | 103 | 6000 | McDonald, Daisy F. ${ }^{\text {a }}$, | 102 | 4456 |
| Sampson, George F. | 66 | 3844 | Macdonald, Florence ${ }^{\text {Mc }}$. | 103 |  |
| Schurman, Sadie M. | 102 | 5941 | McDonald, | 103 | 4500 |
| Sister Agnes Maria | 103 |  | McDonald, Loretta | 103 | 4500 |
| Sister M. Andrea | 103 |  | McDonald, Mary | 101 |  |
| Sister M. Anmette | 103 | 6000 | McDonald, Mary A. | 103 | 4500 |
| Sister M. Clarissa | 103 | 6000 | Macdonald, Nellie | 103 89 |  |
| Sister M. Cleophas | 103 | 6000 | MacDonald, Norman | 89 103 | 4500 |
| Sister M. Isidore | 103 | 6000 | Macdonald, Sarah | 107 | 4236 |
| Sister M. Josita | 103 | 6000 | Macdonald, Theresa | 102 | 4456 |
| Sister M. Margaret | 103 | 6000 | McDougall, Helen | 101 |  |
| Sister M. Ursula | 103 | 6000 | McDougall, | 102 | 4450 |
| Sister St. Bernard | 103 | 6000 | McDougal, Mar | 103 |  |
| Sister St. Jean | 103 | 5941 | McIsaac, M. Catherine | 102 | 4400 |
| Sister St. John N. ${ }_{\text {Sister }}$ St. M. Michael | 102 |  | MacIsaac, Margaret | 103 |  |
| Sister St. M. Michael Sister St. Mary Asc. | 108 | 6966 | McIsaac, Margaret | 103 | 4500 |
| Sister St. Osmond | 102 | 5941 | MacKay, Ethel J. | - | 1747 |
| Sister St. Teresa Joseph | 103 | 6000 | McKay, Jean | ${ }^{40}$ | 4500 |
| Smythe, Philomena | 96 | 5591 | MacKeigan, Christine | 103 | 4500 |
| Somers, Bernadette | 101 | 5883 | MacKenzie, Jessie | 103 | 4500 |
| Stalker, Elizabeth J. | 103 | $\begin{array}{r}60 \\ 59 \\ \hline 9\end{array}$ | MacKinnon, Alice B. ${ }_{\text {M }}$ | 103 | 4500 |
| Strachan, Katherine | 102 | 59 60 60 | MacKinnon, | 103 | ${ }_{44} 50$ |
| Strople, Gwladys | 103 |  | MacKinnon, Sayd | 79 | 3400 |
| Sullivan, Marie | 102 | 6941 60 | MacLean, Christine V. | 103 |  |
| Sutherland, Mary | 102 | 6941 | MacLean, Rachael I. | 101 | 4456 |
| Watson, Anna M. | 103 | 6000 | MacLeod, Teresa |  | 450 |
| Weatherbee, Ava R. | 102 | 5941 | MacNeil, Florence | 103 | 450 |
| Woodbury, Harold C. | 103 | 6000 | MacNeill, Loretto | 103 |  |
| Woodill, Arthur W. | 103 | 6000 | Macneil, Margaret S . | 103 |  |
| Young, William H. | 103 | 6000 | MacNeil, Mary C. | 103 |  |
| Baxendale, Annie | 102 | 4456 | Martin, Katherine | 103 |  |
| Bird, A. Vera | 103 | 4500 | Moore, Elizabeth | 103 |  |
| Boutilier, Alice | 103 | 4500 4500 | Morrison, Lottie M. | 102 |  |
| Boyler, Emma | 102 | 45 44.56 | M'Connell, Mary A. | 102 | ${ }_{45}^{45} 00$ |
| Browner, Vivien | 103 | 4500 | Outhouse, Hattie I. | 103 |  |
| Burke, H. Beatrice | 17 | 741 | Pettipas, Walter A. |  |  |



| Sullivan, Kathryn | 102 | 2970 | Richardson, Sophemia | 103 | ${ }_{00}^{00}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Trask, Marion S. | 98 | 2853 | Fitch, J. H. | 103 |  |
| Turner, Gladys H . | 41 | 1194 | Cameron, Guy E. | 103 | 7500 |
| Verner, Annie A. | 102 | 2970 | Mos | 102 |  |
| Walker, Margaret J. | 31 |  |  | 103 | 0 |
| Poor Sections. |  |  | Baltzer, Adelaide | 102 |  |
|  |  |  | Bishop, Margaret | 102 |  |
| Bagnell, Percy | 97 | 3522 | Daniels, Agusta | 102 |  |
| II, H.' Perley | 100 | 3632 | Blackmore, Evely | 100 |  |
| Campbell, Irene | 102 | 3704 | Bambrick, Len | 102 |  |
| Fraser, Mabel | 103 | 3742 | Bishop, Joseph | , |  |
| Gillis, Margaret | 81 | 3015 | Cunningram, tauro |  |  |
| Gillis, Mary J. | 101 | ${ }^{36} 68$ | Cunningham, | 103 |  |
| illis, Minnie | 102 | ${ }_{37} 04$ | Creelman Laura | 03 |  |
| Hull, Frances | 102 |  | Chivers, Gladys | 02 |  |
| Kehoe, Clara A | 15 | 294 | Constance, Sarah | 98 |  |
| Kehoe, Eliza E. | 103 | 3742 | Dickson, Hattie | 03 |  |
| Macdonald, Mary | 103 | 3742 | Fulton, Olivia Je | 102 |  |
| McDougall, Catherine B |  | 2325 | Fulton, Beatrice |  |  |
| McKenzie, Christena | 102 | 3704 | Goodwin, Alberta | 103 |  |
| McKenzie, Mary C. | 101 | -36 68 | Hines, Jennie A. |  |  |
| McKenzie, William | 61 | ${ }^{22} 15$ | Lockhart, Bes | 54 |  |
| McKinnon, Mary C. | 103 | ${ }_{34} 51$ | Lodge, Myrtal | 03 |  |
| McNeill, Mabel E. | 95 78 | -34 ${ }_{24}$ | Mingo, Irene Eva | 02 |  |
| atheson, Flora | 98 |  | Mcleennan, Florenc | 20 |  |
| iller, Mary E. | -99 |  | McLean, Margaret | 02 |  |
| earing, Theresa | 103 | ${ }^{37} 42$ | McCurdy, A. Evelyn | 103 |  |
| Penney, Beatrice I. | $100 \frac{1}{2}$ | 3651 | McLeod, Elsi | 103 |  |
| Special Poor Sections. |  |  | McKay, Eva M. | 91 |  |
|  |  |  | Macaleese, Ena | 102 |  |
| Woodbine | 171 | 4979 | McLaughlin, Erma R. | 102 |  |
| Victori | 183 | 5417 | McDonald, jean C. |  |  |
| Ben Eoin | 184 | 5446 | Nelson, Ermina | 102 |  |
| Long Island | 173 169 | 4921 | Ogilvie, Neta B. | 103 |  |
| Beechmont | 69 | 4921 | Smith, Ali |  |  |
| Consolidati |  |  | Simpson, Els | 102 |  |
|  |  |  |  |  |  |
| The Meadows | 100 | 2912 | Tupper, Francis |  |  |
| Ocean View | 103 | 3000 | Turner, Flora D. |  |  |
| East Bay | 103 | 9000 48 | Vance, Flora B Whit | $102 \frac{1}{2}$ |  |
| Eskasoni | 103 | 48 | Waddell, Marg | 102 |  |
| Annuitanta |  |  | Archibald, Mi |  |  |
|  |  |  | Ar |  |  |
| Gillis, Ronald |  | 6000 | Brennan, Maud E. | 73 |  |
| McDonald, Joseph |  | ${ }_{6}^{60} 00$ | Cruikshanks, Ida May Creighton, Jessie M. | 102 |  |
| Currie, Donald |  |  | Creighton, Jessie M. |  |  |
| Currie, Michael D. |  | 4500 | Cox, janet K . | 40 |  |
| Garrett, Charles V. |  | 4500 | Cox, Sarah E. | 101 |  |
| McDougall, Daniel J . |  | 4500 | Dlarke, Fanety H . | 103 |  |
| McDougall, Philip |  | 4500 | Doane, Fanny H . | 02 |  |
| McKenzie, Archibald J |  | 4500 | Fraser, Bertha | 101 |  |
|  |  |  | Fulmore, Delil | 103 |  |
|  |  |  | ham, Laura R . | 100 |  |
| LCHESTER SOUTH. |  |  | Leck, Leah | 03 |  |
|  |  |  | Langtle, Cora E. |  |  |
| Allen, E. Chesley |  |  |  | 100 |  |
|  | 18 | 1835 | . | $03$ |  |
| Rudolf, A. Mary | 103 | 9000 | Logan, Stella M. |  |  |



| CUMBERLAND. |  |  | Thurston, H. S. Trerice Ruth | $\begin{array}{r} 73 \\ 97 \end{array}$ | $\begin{aligned} & 4251 \\ & 54 \\ & 50 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Campbell, Jessie B. | 100 | 8738 | Watt, Beatrive | 103 97 |  |
| Lay, E. J. | 100 | 10194 | Webb, Hattie M. | 103 | 4500 |
| MacLean, Vio | 100 100 | 8788 | ${ }^{\text {Beaton, Margaret }}$ | 101 |  |
| Morehouse, | 100 | 8738 | Bell, Hettie | 102 |  |
| Muise, J. ${ }^{\text {a }}$ | 49 | 3568 | Berry, Sadie | 102 | 2358 |
| Mahoney, Gertru | 100 | 5825 | Bigney, Clara E. | 103 | 450 |
| Matheson, Laura | 102 | 7281 | Boss, Marjorie | 99 |  |
| MacCabe, M. M. ${ }^{\text {S }}$. | 100 | 7281 | Brownell, Etta M | 103 68 | ${ }_{29} 70$ |
| MacLellan, Hazel | 100 | 7281 | Brundage, Kate | 101 | 44.12 |
| MacMillan, Leona | 100 | 58 | Chandler, Nellie | 100 |  |
| Barteaux, Florence | 100 | 5825 | Cook, Leona M. | 100 |  |
| ${ }^{\text {Blanche, }}$ Buliaa | 100 | 5825 | Craig, Muriel E. |  |  |
|  | 103 | 6000 | Crossman, Edna | 103 |  |
| Brenton, Bessie | 103 |  | Davidson, Enid K. | 103 |  |
| Brown, Delia J. | 1 | 5825 | Davidson, Thelma | 103 |  |
| wnell, Grace | 100 | 5825 | Davison, Nina E. |  |  |
| ampbell, Helen | 100 | 5825 | DeMings, lsa C. | 100 |  |
| Chandler, Isabel | 103 | 6000 | DeWolte, Hazel | 103 |  |
| Chisholm, Floren | ${ }_{83}$ | 4834 | Gallager, Adelaide | 100 |  |
| Clarke, Mae | 103 | 6000 | Gray, Ethel | 103 |  |
| Cossitt, O. Von B. | 103 | 6000 | Harrington, | 103 |  |
| Craig, Jean E. | 100 100 | 5885 | Hawboldt, Gertrud | 48. |  |
| Fraser, Lulu | 100 | 5825 | Henderson, J. Aile | 103 |  |
| Giles, Estella | 103 | 6000 | Hennesey, Elva | 3 |  |
| Glennie, Edith | 100 | 568 | Jeffers, Myrtle | 100 ${ }^{1}$ |  |
| Hall, B. P. | 100 | 5825 | Langille, Hilda | ${ }_{103}^{96}$ |  |
| Hennigar, Bert | 100 | 5825 | Langille, Mabel | 100 |  |
| Knickle, Jennie | ${ }_{20}$ | 1164 | Lowther, Elizabeth | 99 |  |
| andellis, Helen | 103 | 6000 | Matheson, Nellie | 100 |  |
| MacDonald, Jean B. | 102 | 5941 | Milner, Mildred | 103 |  |
| MacLeod, Jean | ${ }_{87}$ | ${ }_{50} 66$ | MacEachern, K. B. | 99 |  |
| MacNutt, Lucy ${ }^{\text {dacPherson, Let }}$ | 103 | 6000 | MacFadden, L. Be | 99 |  |
| MacPhersoney, Annie | 103 | 6000 | MacInnis, Alice E. | 2 |  |
| Morris, Annie | 100 30 | 58 17 | MacKay, Jean E | $102 \frac{1}{2}$ |  |
| Morris, Harry S. | 102 | 5941 | MacKim, Rachel | 101 |  |
| Moss, Alva | 103 | 6000 | Murray, Pauline P. | 100 |  |
| Mott, Effe T | 00 | 5825 59 | Newcombe, Hattie | 101 |  |
| Murchie, Alice B. | 103 | 6000 | O'Brien, Agnes | 100 |  |
| Murray, Lewman, Carolyn | 103 | 6000 | Parsons, Annie | 100 |  |
| Noiles, Alfretta | 103 | 6000 6000 | Pugsley, Mary | 99 |  |
| $\mathrm{O}^{\prime}$ 'Rourke, Mary | 103 | 6000 | Ripley, Ada E | ${ }_{103}$ |  |
|  |  | 1000 | Ripley, Lella M. | 100 |  |
| Peppard, Ruth | 103 | 6000 | Roach, Bessie L . | 103 |  |
| Sinclair, Willen | 100 | 5941 | Roberts, Katherine B. | 96 |  |
| Smith, Clich | 101 | 5883 | Rogers, Lena ${ }^{\text {B }}$. | 101 |  |
| Suthergreen, Elaine | 100 | 5825 | ${ }_{\text {Tmith, }}$ Tabor, Clara | 103 |  |
| Tabor, Gladys | 100 | 5825 | Vance, Stiles | 03 |  |
| Taggart, Evelyn | 100 | 5825 | Watt, Daisy | 101 | 3000 |
| Thompson, Nellie | 10 | 6000 5888 | Angevine, Catherine | 103 |  |
| Thompson, Margare | 101 |  |  |  |  |



|  |  |
| :--- | ---: |
| Knowlton, Eva | 103 |
| Layton, J. Osborne | 103 |
| Morris, Lucy | 99 |
| Newcombe, Erma J. | 101 |
| Quinn, Dora | 101 |
| Roberts, Vivian | 103 |
| Robinson, Alice A. | 101 |
| Salter, Carolyn H. | 103 |
| Seavey, Elizabeth H. | 103 |
| Yorke, Nellie A. | 103 |

## Poor Sections.

| Canning, Hazel | 87 |
| :--- | ---: |
| Duffy, Marie | 101 |
| Halliday, Frreda A. | 103 |
| Yorke, Lillian | 103 |

## Consolidation.

Advocate (Parrsboro) $\quad 103 \quad 3000$

## DIGBY.

| Coulter, Christena S. | 103 |
| :--- | ---: |
| Baxter, Mary I. | 98 |
| Belliveau, Marie A. | 103 |
| Belliveau, Willie J. | 103 |
| Cecile, Sr. Marie | 103 |
| Crowell, Gladys R. | 103 |
| Denton, B. Mildred | 101 |
| Eaton, Vera H. | 103 |
| Finigan, M. D. | 98 |
| Hirtle, Roy J. E. | 25 |
| Hogg, N. W. | 78 |
| Holmes, Margaret E. | 101 |
| Longley, Ronald S. | 103 |
| Longley, Ronald S. (Lib.) |  |
| Madeline, Sr. M. | 103 |
| Melanson, F. E. | $64 \frac{1}{2}$ |
| McNeill, Bessie J. | 103 |
| Munro, Cora Mae | 103 |
| Norbert, Sr. M. | 103 |
| O'Brien, Annie B. | 103 |
| O'Brien, Annie B. (Lib.) | 102 |
| Powell, Lillian Mae | 102 |
| Ring, Myra C. | 103 |
| Ruggles, Annie B. | 101 |
| Robertson, Gertrude | 103 |
| Surette, Henry P. | 103 |
| Surette, Henry P. (Lib.) | 103 |
| Tibert, Melda G. | 100 |
| Tosh, Ivy | 103 |
| Turnbull, Bessie B. | 103 |
| Wamboldt, Gertrude | 103 |
| Young, Ermina V. | 103 |
| Anirault, Ambrosine | 103 |
| Anthony, Sr. Mary | 103 |
| Babin, Annie L. | 103 |
| Belliveau, Marie A. | 103 |
| Belliveau, Mary Z.. | 101 |
| Bingay, Honoria G. | 102 |
| Bourneuf, Marie E. | 103 |



| McLeod, Annie M. | 103 | 6000 | Miller, Katherine F. | 103 | $\begin{array}{ll} 60 & 00 \\ \hline \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Paget, Edith C. | 103 | 6000 | Noonan, Gertrude | 103 |  |
| Cruickshank, Alice P. | 102 | 4456 | Pineo, Ida B. | 103 | ${ }_{59} 41$ |
| Fisher, Clara I. | 100 | 4368 | Schnare, Annie C. | 92 | ${ }^{59} 56$ |
| Howard, Ruth W. | 50 | 2184 | Scott, Catherine M. | 99 103 | 6000 |
| Inglis, Clara M. | 103 103 | 4500 4500 | Silver | 103 | 6000 |
| Jollata, Edna M. | 103 103 | 4500 4500 | Smith, Ma | 102 | 5941 |
| Kinney, Georgina | 103 | 4500 | White, J. Mabel | 98 | 57 59 59 |
| Lowe, Elizabeth A. | 101 | 4413 | Webber, Myrtle E. | 102 | 5940 |
| Mitchell, Marion J. | 96 | 4198 | Wolfe, Jessie A. | 103 |  |
| Archibald, George H . | 103 | 3000 | Bates, Esther S. | 20 |  |
| Archibald, R. E. | 103 | 3000 | Bentley, Bessie C. | 9 | 4500 |
| Baker, Eva J. | 78 | 2271 | Boutilier, Adelaide C. | 101 | 4412 |
| Bansfield, Rosa B. | 102 | 2970 | Brown, Jessie M. | 102 | 4456 |
| Cameron, Flora E. M. | 53 | 1543 | Bruce, Carr | 102 | 4456 |
| Cornealy, Margaret M. | 86 | 2504 | DeVan, Eil | 103 | 4500 |
| Murdoch, Lillian | 103 | 3000 | Faulkner, Melissa A. | 101 |  |
| Sutherland, Gladys | 103 | 3000 | Findlay, Sadie | 103 |  |
| Poor Sections. |  |  | Foley, Arley M. | 103 |  |
|  |  |  | Fox, Bertha | 65 |  |
|  |  |  | Garrison, Vera ${ }_{\text {r }}$ | 103 | 3625 |
| Bray, Mary |  | 4000 | Gagnon, Alfred G. |  |  |
| Chisholm, Mary D. | 103 | 4000 | Geddes, Aubrey K . | $\begin{array}{r}103 \\ 58 \\ \hline\end{array}$ | 2533 |
| Garrison, Croldie | 103 | 4000 | Hamilton, Janet | 101 | 4412 |
| Harris, Katherine | 20 | 777 3961 | Harpell, Cora | 103 | 4500 |
| McLane, Anna B. | 102 | 3961 | Hilchie, Stella B. | 103 | 4500 |
| Special Poor Sections. |  |  | Hume, Bessie W. | 103 |  |
|  |  |  | Harris, Mildred L. | 103 |  |
| New Chester | 20 | 583 | Innes, E. Jean | 102 |  |
| Chegoggin | 78 | 2272 | Kent, C. Winnifred | 103 |  |
| Union | 103 | 3000 | Laidlaw, Elizabeth | 103 |  |
|  |  |  | Langille, Jessie E. | 3 |  |
|  |  |  | Langille, Myrtle B. | 103 | 4500 |
|  |  |  | Leslie, Gladys | 103 | 4456 |
|  |  |  | Manthorne, Flora I. | 102 | 4500 |
|  | HALIFAX COUNTY. |  | Maguire, Nola Pear | 100 |  |
| Archibald, Bertha M | 103 | 6000 | Morrison, Clara | 102 |  |
| Boutilier, Muriel H. | 102 | 5941 | Morrison, Mary | 102 | 4500 |
| Burgess, Florence A. | 101 | 5883 | Moseley, Elsie R. | 103 | 4500 |
| Burris, Annie | 102 | 5941 | Murray, Bertha F. J. | 103 | 4500 |
| Burris, Jennie P. | $99{ }^{\frac{1}{2}}$ | 5795 | MacCarthy, Katherine | 103 | 4456 |
| Cameron, Sadie E. | 103 | 6000 | MacCarthy, Tena J. | 102 | 4500 |
| Christie, Margaret A | 103 | 6000 | MacKay, Jsabel C. | 103 | 4500 |
| DeVan, Nano Josephine | 103 | 6000 | Mackenzie, M. A. | 103 |  |
| Fisher, Helen L. | 103 | 6000 | Mackintosh, M | 103 | 4500 |
| Gallagher, Mildred | 103 |  | Mcleod, Na | 99 | 4324 |
| Hamilton, Mary A Hawkins, Viola S. | 103 | 6000 | Naufts, Minnie R. | 39 | 1703 |
| Harrison, Helen | 103 | 6000 | Rankine, Ella E. | 103 | 4456 |
| Henry, Ella K. | $100 \frac{1}{2}$ | 5854 | Roche, Mary | 102 | 4500 |
| Higgins, Emma | 33 | 1921 | Rose, Mary Hazel | 103 | 4456 |
| Hiltz, Adelaide (\%. | 103 | 6000 | Siteman, Anna B. | 102 | 4456 |
| Hiltz, Ethel M. | 99 | 5766 | Siteman, Eva K. | ${ }_{94}$ | 4128 |
| Jollimore, Agnes | 103 | 6000 | Smith, Isabella | ${ }_{103}{ }^{\text {2 }}$ |  |
| Keeler, Celia C. | 103 | 6000 | Thomas, Bessie | 103 | 4500 |
| Kempton, Muriel V. | 101 | 5883 | Thompson, Myrtle F. | 103 | 4500 |
| King, Ada B. | 103 | 60 <br> 59 <br> 98 | Tulloch, Emily C. | 103 |  |
| I ittle, Flora Macdonald, Daisy H | 101 | 6981 588 | Wier, An | 43 |  |
| Macdonald, Daisy H Moseley, Mabel C. | 101 | 5883 | Bonang, Maud M. | 103 | 3000 |
| MacLean, Jessie | 66 | 3844 | Boyle, Lucy E. | 103 | 3000 |
| McPhail, Annic | 65 | 3786 | Burnett, Nellie R. | 103 |  |



|  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | 102 | 74 | 27 | MacKay, R. | 102 | 59 |



| HANTS WEST. |  |  | Poor Sections. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Patterson, Mabel G. | 102 | 8912 | Bush, Ethel M. | 03 |  |
| Smith, John A. | 101 | 10296 | Cox, Lavolla C. | $97 \frac{1}{2}$ |  |
| Lawrence, LeRoy I. | 103 | 7500 | Davison, Douzell | 88 |  |
| Scott, Agnes B. | 102 | 7427 | Fader, Nellie | 100 | 38 38 |
| Banks, Minnie I.. | 103 | 6000 | Marsh, Florence | 102 | 3829 |
| Banks, Minnie L. (Lib.) |  | 500 6000 | Myers, | $75 \frac{1}{2}$ | 2834 |
| Brown, Edith S. | 103 | 1000 | Saunders, Viola P. | $83{ }^{2}$ | 3116 |
| Burgess, Nellie | 103 | 6000 | Sanford, Janet L. | 102 | 3829 |
| Douglas, Blanche | 103 | 6000 | Annuitants. |  |  |
| Duff, Jessie J. | 101 | 5883 |  |  |  |
| Carde, Edna R. | 102 | 5941 |  |  |  |
| Davies, Kathleen | 100 | 5825 | Burgoyne, Naomi |  | 6000 |
| Foote, Marguerite | 103 | 6000 | Scott, Lily A. |  |  |
| Fulton, Elsie L. | 103 | 60 58 88 | Smith, Letson M. |  | 4500 |
| Holland, Florence Mosher, Leona | 101 103 | 5883 60 | Scott, Annie E. |  | 4500 |
| Muller, Lena | 44 | 2562 |  |  |  |
| Nunn, May E. | 103 | 6000 |  |  |  |
| Thomas, Blanche | 103 | 6000 58 | INVERNESS SOUTH. |  |  |
| McCurdy, Helen M. | 101 | 5883 |  |  |  |
| McKay, Grace G. | 101 | 5883 | MacLeod, jeanette | 72 | 7340 |
| McLellan, Mary | 102 | 5941 | Martin, Marion A. | 103 | 7500 |
| ickwire, Margaret A. | 103 | 6000 | Courteen, Violet | 99 | 5766 |
| Wright, Nellie C. | 101 | 5883 | Fraser, Margaret C. | 31 |  |
| Young, Reta M. | 103 | 6000 | Highet, Douglas H. | 103 | 6000 |
| Borden, Osee E. | 103 | 4500 | McLean, Sophia M. | 103 | 60 |
| Bowes, Viola A. | 103 | 4500 | Sister St. Zephyrin | 103 | 4500 |
| Campbell, Lena | 103 | 4500 | Burke, Eva May | 103 | 4500 |
| Cochrane, Pearl A. | 103 | 4500 4456 | Davis, Catherine | 103 | 4500 |
| Dimock, Annie A. | 102 | 4456 4500 | MacDonald, Katherine | 103 | 4500 4500 |
| Fraser, Kelley , Minnie | 102 | 4456 | McDonald, Jessie | 103 | 4500 |
| Lynch, Pearl M. | 103 | 4500 | MacDonald, Christina | 103 |  |
| Lowndes, Vera E. | 90 | 3931 | MacDonald, Mary | 98 | 4280 |
| Morison, Madge | 102 | 4456 | MacDonne | 108 | 4500 |
| MacKay, Hazel | 103 |  |  | 103 | 4500 |
| McDonald, Katherine | 102 | 4466 2315 | Ross, Mary B. | 103 | 4500 |
| Rose, Annetta M. | 103 | 4500 | Sister St. Olga | 103 |  |
| Salter, Hattie M. | 101 | 4412 | Sister St. Mary | 103 |  |
| Sweet, Annie E. | 102 | 4456 | Smith, Margaret | 103 | 4500 |
| Underwood, Emma | 103 | 4500 | Stewart, Catherine J. | 103 | 4500 |
| Wickwire, Gladys A. | 102 | 4456 | Townshend, Laura H. | 3 | 4500 |
| Wilson, Bertha | 103 | 4500 | Withrow, Lizzie | 103 | 4500 |
| Woodworth, Alfreda | 102 | 4456 | Withrow, Elsie May | 103 |  |
| Brown, Sarah M. | 103 | ${ }^{37} 00$ | Beaton, John | 103 | 3000 |
| Casey, Gertrude M. | 95 103 | 2766 30 | Cameron, Emily G. | I. 103 | 30 500 50 80 |
| Crowell, Gertrude (Feby) | y). 5 | 145 | Chisholm, Gregory | 20 |  |
| Davison, Nellie L. | 103 | 3000 | Coady, Mary E. | 103 | ${ }_{29} 41$ |
| Laws, Lillian | 102 | 2970 | Crispo, Sadie Ellen | 101 | 3000 |
| Murphy, Lela J. | 103 | 3000 | Fox, Rena M. | 103 | 3000 |
| MacDougall, Bertha | 98 | 2853 | Gillis, Josephine | 103 | 2650 |
| McEnnis, Jean E. | 102 | 2970 | Kennedy, Mary M. A. | 58 | 1688 |
| Rose, Laura M. | 93 | 2708 | Kerr, Charlotte | 93 | 2708 |
| Sanford, Kathleen | 101 | 2941 | McArthur, Bridget | 102 | 2970 |
| Smith, Augusta O. | 95 103 | 2766 3000 | MacDonald, Agatha | 103 | 30 2900 |
| Withrow, Ethel A | 103 | 3000 | MacFadyen, Sarah M. | 101 | 29 |



| Timmons, Maud Walker, Margaret | $\begin{gathered} 99 \\ 102 \$ \end{gathered}$ | $\begin{array}{r} 2882 \\ 2985 \end{array}$ |
| :---: | :---: | :---: |
| Poor Sectiens. |  |  |
| Beaton, Annie | 101 | 3611 |
| Campbell, Catherine | 102 |  |
| LeBlanc, Mary | 3 | +3682 |
| Macdonald, Mary | 103 | 3682 |
| MacKinnon, Christ Maclellan, Angus | 103 100 | 36 74 |
| Murphy, Alex J. | 103 | 3682 |
| Nelson, Gustane | 103 | 3682 |
| Nicholson, Catherine | 103 | ${ }_{36} 62$ |
| Tompkins, Martha | 102 | 3646 |

Special Poor Sections.
Miller
Whycocomagh Mountain S. W. Egypt

## Assistant.

Macdougall, Annie J. $103 \quad 2000$

## Consolidation.

Eastern Harbor
58

## Annuitants.

Macdonald Teresa
Macdougall, A. S.
MacKinnon, Malcolm

| KINGS. |  |
| :---: | :---: |
| Ford, R. W. | 103 |
| Swanson, P. I. | 103 |
| Webster, Winnifred | 103 |
| Dawson, Katherine | 103 |
| Hardwicke, Helen | 103 |
| Marsters, Gladys | 01 |
| MacGreggor, Anna | 103 |
| Osborne, N. A. | 102 |
| Walker, Mabel | 103 |
| Baker, Dora M. | 103 |
| Balcom, Hilda B. | 101 |
| Beckwith, Florence | 101 |
| Bowlby, Alice M. | 102 |
| Bowlby, Jessie I. | 102 |
| Brownell, Louise V. | 103 |
| Chute, Francis | 103 |
| Coggins, Adelaide | 102 |
| Cossitt, Ethel | 9 |
| Crocker, Hilburne | 103 |
| Cropley, Bertha Ogilive | 103 |
| Elliott, Evangeline (Lib.) |  |
|  |  |
| Frank, Merna M. | 103 |
| Gilliatt, Ruth E. | 108 |
| Graves, Ena E. | 103 |
| Hicks, Blanche (9. | 103 |

3000
3000
2500

1688

4500 4500 4500

| Houghton, Cyretha | 103 | 6000 |
| :---: | :---: | :---: |
| Illsley, Nellie E. | 103 | 6000 |
| Illsley, Lucy A. | 103 | 6000 |
| Jackson, May Strong | 101 | ${ }_{68} 5880$ |
| Kennedy, Gladys B. | 103 |  |
| Kent, Mary A. | 103 |  |
| Lewis, Dora F. | 103 |  |
| Lockhart, Edna | 102 |  |
| Lockhart, Edna C. (Lib |  | 6000 |
| Lutz, Carrie M. | 103 | 6000 |
| Mappleback, Idell | 103 | 6000 |
| Marchant, Laura | 103 | 1979 |
| Macdonald, Flora | 103 | 6000 |
| Mitchell, | 101 | 5883 |
| McDonnell, Margaret | 101 |  |
| Newcomb, Louise | 60 |  |
| Potter, Effie M. | 99 | 19 |
| Purdy, Agnes L | 102 | 60 |
| Reddy, Gertrude | 103 | 58 |
| Reid, Evelyn J. | 101 | 30 |
| Rockwell, Gladys | - 103 | 60 |
| Staples, Elsie | 103 |  |
| Thorpe, Katheryn V. | 103 62 | 36 |
| Titus, Elva B. | 103 |  |
| Webster, Abbie A. | 103 | 59 |
| West, Gladys I. | 102 | 59 |
| Wright, Joanna | 102 | 60 |
| Wylde, Sara W. | 103 |  |
| Alcorn, Greta M. | 103 | 45 |
| Beckwith, Winnifre | 102 |  |
| Bishop, Hattie Bishop, Hilda | 95 | 41 |
| Bishop, Hilda | 101 |  |
| Boylan, Olive C. | 101 |  |
| Corkum, Prudence | 101 |  |
| Davison, Reta E. | 103 |  |
| Dickie, Gertrude A. | 103 |  |
| Dow, Margaret | 50 |  |
| Eaton, Laura J. | 3 |  |
| Elliott, Ruth | 101 |  |
| Fox, Sidney M. | 103 |  |
| Fox, Stella E. | 103 |  |
| Ford, Sadie Jamieson | 102 | 44 |
| Grant, Estella | 103 | 45 |
| Hall, Ella C. ${ }^{\text {Harris, Mary H. }}$ | 103 |  |
| Harvey, Meta A. | 103 | 42 |
| Henderson, Elizabeth | 97 | 42 |
| Kilcup, Edith M. | ${ }^{97}$ | 45 |
| Lamont, Nancy | 103 94 | 41 |
| Levy, Addie G. | 10 |  |
| Maplebeck, Elizabeth | 103 | 45 |
| Mappleback, Laura | 103 | 45 |
| Meyers, Martha ${ }^{\text {Millett, Sadie }}$. | 53 |  |
| Morse, Kate O. | 103 |  |
| Morse, Dorothy | 97 | 45 |
| MacNeil, Ethel | 103 | 45 |
| MacQuarrie, Gladys | 103 | 45 |
| Neary, Stella B. | 3 | 45 |
| Nichols, Lola B. | 103 | 44 |
| North, Marjorie | 103 | 45 |
| Parker, Essie | 39 |  |


|  | 103 | 4500 | Annuitants. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Robinson, Clara | 103 | 4500 | 0 ( Ann | tante. |  |
| Sawler, Pearl M. | 103 103 | 4500 4500 | Craig, James |  | 6000 |
| Sawler, Merinda | 103 | 4500 | Challen, Minnie |  | 3600 |
| Tpinney, Helen | 103 | 4500 | Tobin, Gertrude |  | 4500 |
| Trimper Catherin | 101 | 4412 |  |  |  |
| Vance, Lu Ella | 82 103 | 3581 4500 |  |  |  |
| Ward, Edith R. | 102 | 4500 4456 |  |  |  |
| Weaver, Carrie A. | 100 | 4368 | LUN | URG. |  |
| Blabster, Lavinia | 101 | 4412 | Freeman, H. S. | 9 | 7033 |
| Cole, Lydia M (Feb) | 102 | 2970 | Mack, R. T. | 33 | 3365 |
| Clarke, Hazel A. ${ }^{\text {Ceb.) }}$ | ${ }_{103}^{85}$ | 2475 | McKittrick, B. | 102 | 10398 |
| Eaton, Julia W. | 103 | 3000 | Hewitt, M. C. | 102 | 8912 |
| Goodwin, Mary E | 102 | 2970 | Hirtle, A. G. | 102 | 8912 |
| Lightizer, Margueri | 102 | 2970 | Bishop, Annette | 102 | 7427 |
| Lyons, Florence A. | 103 70 | ${ }^{30} 80$ | Bissett, Clarence | 103 | 7500 |
| Lyons, Elizabeth | 101 | 2941 | Bruhm, Muriel | 103 | 7500 |
| Lyons, Everett | 103 | 3000 | Bailly, Hazel | 103 | 6000 |
| McGee, Isabel | 103 | 3000 | Baizley, Abby | 102 | 5941 5941 |
| Marshall, Lester | 96 | 2795 | Corkum, Mildred | 103 | 6000 |
| Morton, Julia | 103 | 3000 | Corkum, Mildred |  | 500 |
| Sanford, Rut | 102 | 2970 | Creighton, Lucy | 102 | 5941 |
| Steele, Beatr | 102 | 2970 | Ernst, Oressa | 103 | 6000 |
| Turner, Hazel G. | 102 | 2970 | Ernst, Rhoda | 24 | 1397 |
| Ward, Geraldine | 103 | 3000 | Ford, Gertrude | 103 | 6000 |
| Westcott, Mabel $V$ | 103 | 3000 | Hayward, Jennie | 103 | 6000 |
| Wood, Mildred M. | 103 | 3000 | Hebb, Claribel | 102 | 5941 |
| Wilson, Anna M. | 64 | 1863 | Heckman, Katie | 103 | 6000 |
| Poor Sectio |  |  | Hirtle, Pearl | 103 | 6000 |
|  |  |  | Keddy, Pearl | 103 | 6000 6000 |
| Algee, Alma | 100 | 3664 | Lantz, Verta | 103 | 6000 |
| Bent, Lottrie | 98 | 3590 | Miller, Sadie | 102 | 5941 |
| Bowes, In | 103 | 3774 | MacLeod, Annie | 102 | 5941 |
| Boylan, Ev | 103 | 3774 | Rafuse, Eva | 102 | 5941 |
| Brown, Cora Vaut | 103 | 3774 | Rudolf, Adole | 102 | 5941 |
| rossland, Rena B. | 103 | 37 37 37 | Shupe, Annie | 103 | 6000 |
| Eaton, Muriel ${ }^{\text {a }}$ | 101 | 3774 37 | Veinotte, Alice | 103 | 6000 |
| rail, Elizabeth | 100 | 3664 | Veinotte, Murnie | 102 | 5941 |
| Hiltz, Muriel | 93 | 36408 | Wentzell, Elsie D | 103 | 6000 |
| innie Amy P. (Feb.) | 19 | 49 69 | Wentzell, Elsie D. | 103 | 6000 |
| -amb, Marie J. | 92 | 33 72 | Wentzell, Sadie | 103 | 6000 |
| ayton, Cecilia | 99 | 3627 | Wile, Dora | 103 | 60 58 88 |
| Mons, Mabel J. | 100 | 3664 | Young, Helen | 102 | 5883 <br> 59 <br> 11 |
| Mullett, Mabel | 99 | 3627 | Young, Mary | 102 | 5941 |
| MeLett, Ruth V. | 923 | 3392 | Arenburg, Ethel | 100 | 4368 |
| Orter, Grace |  | 3683 | Arenburg, Grace | 95 | 4149 |
| einott, Laura | 103 | 3774 | Bolivar, Alma | 103 | 4500 |
| Wamboldt ${ }^{\text {a }}$ Isabell | 84 | 3078 | Bowers, Mary | 102 | 4456 |
| Oolard, Flora M. | 101 97 | 37 35 | Christopher, Winnie | 101 | 4412 |
|  | 97 | 3554 | Conrad, Lottie | 103 | 4500 |
| Special Poor S | tions. |  | Crawford, Florence | 102 | 4456 |
|  |  |  | Crouse, Lettie | $101 \frac{1}{2}$ | 4434 |
| Oountain Home |  |  | Crouse, Naomi | 103 | 4500 |
| er, Coralline | 60 | $2330$ | Dauphinee, Tessie | 103 | 4500 4500 |
|  |  |  | Deal, Bernice | 98 | 4280 |
| Assistant. |  |  | Dolliver, Olive | 102 | 4456 |
| e, Bertha |  |  | Durland, Gladys | 101 | 4412 |
|  | 96 | 1863 | Freeman, Hilda | 87 | 3799 |


| Godfrey, Bessie | 39 | 1703 | Millett, Mabel | 83 | 2417 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Hawksworth, Eva | 102 | 4456 | Morash, Emmie | 103 | 3000 |
| Hebb, Leda | 103 | 4500 | Morash, Mona | 103 | 3000 |
| Himmelman, Carrie | 103 | 4500 | Morgan, Percy | 97 | 2824 |
| Hirtle, Mary | 103 | 4500 | Nauss, Mamie | 98 | 2853 |
| Holder, Clara | 102 | 4456 | Oxner, Blanche | 103 | 3000 |
| Jewers, Beatrice | 103 | 4500 | Parks, Evelyn | 103 | 3000 |
| Kaulback, Louise | 103 | 4500 | Pinneo, Thekla | 101 | 29 30 |
| Langille, Edith | 103 | 4500 | Rafuse, Hazel | 103 | 30 30 00 |
| Lohnes, Stella | 103 | 4500 | Rafuse, Myrtle | 103 | 30 30 00 |
| Mader, Ira D. | 103 | 4500 | Richards, Laura | 103 | 3000 |
| Mader, Jessie | 103 | 4500 | Risser, Maud | 103 | 3000 |
| Manning, Myra | 102 | 4456 | Rodenhiser, Hilda | 50 | 1456 |
| Mason, Jessie. | 103 | 4500 | Rodenhiser, Maysie | 103 | 3000 |
| Rafuse, Lavinia | 103 | 4500 | Sarty, Eva | 102 | 2970 |
| Romkey, Mary C. | 103 | 4500 | Sarty, Gordon | 103 | 3000 |
| Silver, Florence | 103 | 4500 | Slauenwhite, Ethel | 102 | 2970 |
| Slauenwhite, Muriel | 103 | 4500 | Smithe, Ada A. | 102 | 2970 |
| Sperry, Rhoda | 103 | 4500 | Veinot, Iida | 103 | 3000 |
| Spindler, Helen | 103 | 4500 | Walters, Margaret | 100 | 2912 30 |
| Tobin, Ellen | 78 | 3406 | Wessell, Laura | 103 | 30 17 76 |
| Tobin, Mary | 102 | 4456 | Westhaver, Lettie | 61 | 1776 3000 |
| Veinotte, Genevieve | 79 | 3450 | Westhaver, Muriel | 103 | 30 30 00 |
| Warner, Emma | 103 | 4500 | Whynot, Katie | 103 | 3000 |
| Wentzell, Ida H. | 103 | 4500 | Winters, Hazel | 103 | 30 29 41 |
| Wharton, Fella | 95 | 4149 | Wolfe, Blanche | 101 | 29 30 |
| Z.wicker, Helen | 103 | 4500 | Zink, Edna | 103 | 30 291 |
| Zwicker, Rhoda | 102 | 4456 | Zinck, Sadie | 101 | 29410 |
| Albrecht, John | 36 | 1047 | Zwicker, Gladys | $96 \frac{1}{2}$ | 2810 |
| Awalt, Florence | 96 | 2795 | Poor Sections. |  |  |
| Baker, Cora | 100 | 2912 |  |  |  |
| Bell, Beulah | 103 | 3000 |  |  |  |
| Bell, Gertrude | 103 | 3000 | Crocker, Mary | 57 |  |
| Berringer, Mabel | 101 | 2941 | DeLong, Ruey | 53 | 1984 |
| Brooks, Lena | 102 | 2970 | Ernst, Effie | 103 |  |
| Bushen, Oda | 103 | 3000 | Ernst, Mae $1 \times$. | 98 | 3667 |
| Chesley, Isabel | 103 | 3000 | Hall, Leila | 98 | 36 3649 |
| Conrad, Cora | 103 | 3000 | Himmelman, Daisy | $97 \frac{1}{2}$ | 3688 |
| Conrad, Rhoda | 103 | 3000 | Mailman, Ruby | 101 | 37 14 97 |
| Creaser, Florence | 102 | 2970 | Naas, Mildred | 40 103 | 38 56 |
| Crooks, Cladys | 103 | 3000 | Rafuse, Annie | 103 | 3856 |
| Crouse, Georgina | 91 | 2650 | Sarty, Mabel | 103 | 3849 |
| Deal, Glengyle | 103 | 3000 | Seamone, Effie | 971 ${ }^{1}$ | 3680 |
| Drew, Nellie | 94 | 2737 | Whynot, Luella | 101 | 3856 |
| DeMond, Mary | 101 | 2941 | Zinck, Olive | 103 | 38 |
| Ernst, Amynella | 103 | 3000 | Annuitants. |  |  |
| Fancy, Elizabeth | 103 | 3000 |  |  |  |
| Fancy, Jessie | 103 | 3000 |  |  | 6000 |
| Feener, Lettie | 99 | 2882 | Risser, Daniel |  | 3000 |
| Fleete, Lois | 78 | 2271 | Heckman, A. D. |  | 3000 |
| Frank, Flossie | 93 | 2708 | Kaulback, Laura |  |  |
| Freeman, Clara | 102 | 2974 |  |  |  |
| Hamm, Marguerite | 103 | 3000 |  |  |  |
| Hebb, Evelyn | 101 | 2941 |  |  |  |
| Heckman, Belle | 103 | 3000 | CHESTER. |  |  |
| Heisler, Nellie | 103 | 3000 |  |  | 6000 |
| Hiltz, Ella M. | 103 | 3000 | Acker, Hattie E. | 103 | 500 |
| Hirtle, Gladys | 103 | 3000 | Acker, Hattie E. (L |  | 6000 |
| Hirtle, Isabel | 103 | 3000 | Eldridge, Jennie | 103 | 5941 |
| Hyson, Grace | 102 | 2970 | Hartley, Ruby | 102 | 6000 |
| Johnson, Mary | 103 | 3000 | Langille, Ella | 103 | 5941 |
| Kaulback, Marjorie | 103 | 3000 | Mills, Mary | 102 | 5941 |
| Keddy, Violet | 103 | 3000 | MacMinn, Georgie | 102 | 5941 |
| Lacy, Hattie | 44 | 1281 | Nauss, Blanche | 103 | 6000 |
| Law, Florence | 103 | 3000 | Quinlan, Clara | 102 | 5941 |
| Meisner, Bertha | 103 |  | Finck, Sydney | 102 |  |



|  | 103 | 4500 | Maclellan, Robt. | 102 | $\begin{array}{r} 10398 \\ 8563 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Thompson, Ada ${ }^{\text {Thempson, Mary }}$ B. | 102 | 4456 | MacLeod, R. H. |  | 85 600 |
| Allen, Elizabeth | 102 | 2970 | Archibald, Greta | 103 86 | 5008 |
| Atkinson, Martha | 102 | 2970 | Elderkin, Marguerite | +102 | 5941 |
| Baillie, Catherine | 102 | 2970 | Carter, Rena | 102 | 5941 |
| Butler, Katherine | 86 | 2504 | Dunn, Maude E. | 109 | 5766 |
| Campbell, Mary B. | 103 | 3000 | Kinnie, Mary M. | 102 | 5985 |
| Cameron, Muriel | 99 103 | 2880 | MacLeod, Dolenna | 100 | ${ }_{59} 58$ |
| Chisholm, Bessie | 103 103 | 3000 | Mowat, Katherine | 102 | 5941 |
| Crockett, Elsie | 103 102 | 39 29 | Murdoch, Louisa M. | 102 | 5988 58 88 |
| Fleming, Elizabeth | 102 | 2970 | Murray, Willena | 101 | 5883 |
| Foote, Margaret J. | 97 | 2824 | Robertson, Sarah | 103 | 6000 |
| Fraser, Jennie | 101 | 2941 | Bryenton, Kat | 100 | 4368 |
| Higson, M. Chrystal | 101 | 2941 | Cox, Jeannette | 102 | 44466 |
| Kennedy, Sarah ${ }^{\text {MacBean, Mary }}$, | 102 | 2970 | Colter, Mary L. | 102 | 872 |
| MacBean, Mash, Duncan | 103 | 3000 | Fulton, Mildred | 101 | 4412 |
| MacGregor, Minnie | 99 | 2882 | Fraser, Annie J. | 103 | 4500 |
| MacKenzie, Edna | 103 98 | 30 ${ }^{2} 50$ | Hamblen, Mary | 102 | 4412 |
| MacKay, Catherine | -98 | 2870 | Hamilton, Mary | 101 | 4480 |
| Macleod, Christena | 102 | 2970 | Langille, Agnes | 98 | 4456 |
| MacLean, T. W. | 102 | 2970 | MacDonald, Ada | 102 | 4500 |
| MacNeil, Mary A. | 97 | 2824 | MacGregor, Mary B. | 103 | 4368 |
| Mason, Annie M. | 96 | 2795 | MacInnes, Anna | 103 | 4500 |
| Mills, Martha | 102 | 2970 | Mackay, Jeanette | 102 | $44{ }_{6}^{4}$ |
| Patterson, Hazel | 103 | 3000 | Maclean, Adelaide | 102 | 4468 |
| Swinhamer, Lila | 103 | 3000 | MacLellan, Evelyn | 100 |  |
| Poor Sections. |  |  | MacLeod, Bessie M. | 96 |  |
|  |  |  | McCara, Mary I. | 103 | 4456 |
| Chisholm, Mary C. | 103 | 4000 | McCunn, Isabel | 3 | 4500 |
| Cameron, Margaret | 93 | 3611 | Moran, Sadie | 103 | 45.4 |
| Dewar, Margaret | 101 | 3922 | Murray, Jelizabe | 99 | ${ }_{44} 56$ |
| Fraser, Christene | 82 | 3184 39 | Mose, Jessie | 102 | 4412 |
| Fraser, Barbara | 101 | 3922 <br> 40 <br> 00 | Ross, Bessie | 101 | 4368 |
| MacDonald, Ruth | 103 | 4000 | Sutherland, Laura B. | 100 | 4412 |
| MacIntosh, Nellie | 101 | -3922 | Talbot, Goldie E. | 101 | 2970 |
| MacKay, Ella MacMillan, Lydia | 183 | ${ }_{32} 23$ | Baillie, Anna | 102 | 2940 |
| Woods, Edna V. | 100 | 3883 | Blair, Margaret L. | 102 |  |
| Special Poor Sections. |  |  | Campbell, Menah | 103 | 3000 |
|  |  |  | Campbell, Christena | 103 | 3000 |
| Greenvale |  | 4683 | Curry, Gladys | 103 | 2910 |
| Greens Brook |  | 4829 | Elliott, Bessie | 102 | 2970 |
| Birch Brook |  | 5766 | Fraser, Joan Gray, Alice | 102 | 2476 |
| Consolidation. |  |  | Gunn, Anna M. | 85 |  |
|  |  |  | Harris, Elizabeth | 101 |  |
|  |  | 17034 | Henry, Elizabeth B. | 103 | 30824 |
| Fraser's Mtn. |  | 6000 | MacGregor, Margaret Mackay, Alice | 97 | 3800 |
| Annuitants. |  |  | MacKenzie, Nina | 103 |  |
|  |  |  | MacKenzie, Jessie M. | ${ }_{98}$ |  |
| Cameron, Jessie |  | 4500 | Redmond, Ada | 100 | ${ }_{30} 0^{0}$ |
| Cruickshank, Jessie |  | 4500 | Reid, Catherine | 103 | ${ }_{29} 70$ |
| Ross, Maggie |  | 4500 | Robertson, Irene | 102 | ${ }_{29} 70$ |
|  |  |  | Tattrie, Jean | 102 |  |

PICTOU WEST.

| Henry, Jessie E. | 103 |
| :--- | :--- |
| Macdonald, J. C. | 102 |
| MacInnis, R. J. | 102 |

[^2]
## Poor Sections.

Creighton, Williamina

| MacKenzie, Hazel |  |  |  |
| :--- | ---: | ---: | :--- |
| Munro, Mary E. | 103 | 35 | 34 |
| Mas, Mary E. | 61 | 40 | 00 |
| Ras | 69 |  |  |
| Smith, J. Rose | 101 | 39 | 22 |

Annuitants.
Fraser, William
Gollan, John
MacArthur, Alex.
MacDithur, Alex.

QUEENS SOUTH.

| Morton, R.F. | 103 |  |
| :---: | :---: | :---: |
| Mullins, Jennie | 103 | 100 90 |
| Betmore, R. H. | 103 | 7500 |
| Collin, Alice | 103 | 6000 |
| Dellins, Pearl | 103 | 6000 |
| Frexter, Vera | 103 | 6000 |
| Freman, Nettie | 101 | 5883 |
| Harlow, Ollie W. | 103 | 6000 |
| Harrin, Jennie | 103 | 6000 |
| Harrington, E. B. | 103 | 6000 |
| Kedington, G. M. | 102 | 5941 |
| Locke Elva M. | 103 | 6000 |
| Rand, Helen | 101 | 5883 |
| Smith Harriet | 103 | 6000 |
| Christie Daisy | 103 | 6000 |
| Cristie, Margaret | 103 | 4500 |
| $\mathrm{F}_{\text {reem }}$ Margaret | 43 | 1877 |
| Mact ${ }^{\text {and }}$ Allene | 103 | 4500 |
| Parke | 103 | 4500 |
| Webe, Nellie | 103 | 4500 |
| Brober, Ola B. | 92 | 4018 |
| Colp , Messie | 103 | 3000 |
| Etherinildred | 101 | 2941 |
| Gerhardton, Bernice | 93 | 2708 |
| Godfrat, Frances | 101 | 2941 |
| Hanley, Marion | 103 | 3000 |
| Hiltey, Esther | 103 | 3000 |
| Hiltz, Helen | 103 | 3000 |
| $\mathrm{H}_{\text {uskine }}$, Helen (Lib.) |  | 500 |
| Loyins, Opal | 99 | 2882 |
| Meisner, Irma | 102 | 2970 |
| Mackin, Helen | 103 | 3000 |
| Pierce, Man, Marjorie | 103 | 3000 |
| Rafuse, Margaret J. | 103 | 3000 |
| Smith, Sybil | 103 | 3000 |
| $V{ }^{\text {an }}$ Horne ${ }^{\text {L }}$ | 103 | 3000 |
| Warler, Ethel | 103 | 3000 |
| Warman, Irene | 49 94 | 1426 27 |


| Dalton, Hilda | 102 | 5941 |
| :---: | :---: | :---: |
| Dalton, Hilda (Lib.) |  | 500 |
| Freeman, Winnie | 102 | 5941 |
| Feindel, Hilda | 102 | 5941 |
| Feindel, Hilda (Lib.) |  | 1000 |
| Kaulback, Birdie | 103 | 6000 |
| Mosher, Hilda | 103 | 6000 |
| Cook, Lulu | 102 | 4456 |
| Germain, Clyda | 102 | 4456 |
| Kelly, Cecilia | 103 | 4500 |
| Patterson, Lulu | 103 | 4500 |
| Canning, Margaret | 102 | 2970 |
| Crocker, Charlotte | 102 | 2970 |
| Dukeshire, Gladys | 94 | 2737 |
| Fitch, Murray | 103 | 3000 |
| Joudrey, Lily V. | 103 | 3000 |
| Latham, Hattie | 102 | 2970 |
| Naas, Louisa M. | 14 | 407 |
| Poor Sec |  |  |


| MacPherson, Mildred | 103 | 4500 | SHELBURNE. |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mauger, Lina | 103 | 4500 |  | 103 | 10500 |
| Monbourquette, May | 103 | 4500 | McLeod, A. N. | 102 | 5941 |
| Monbourquette, C. D. | 103 | 4500 | Capstick, Grace | 103 | 6000 |
| Nelson, J. Scott | 103 | 4500 | Crowell, S. B. | 103 | 6000 |
| Petitpas, Zenobia S. | 103 | 45 45 4500 | Decker, Bertha C. Hood, H, Augusta | 103 | 6000 |
| Sister M. St. Hugues | 103 | 4500 4500 | Hood, H. Augusta Langille, E. H. | 102 | 5941 |
| Walsh, Helen ${ }^{\text {Na }}$. | 103 103 | 4500 3000 | McGinnis, Gladys R. | 103 | 60 8 8 |
| Boutin, Irene H. | 103 | 3000 | Morton, Jean S. | 15 | 873 4456 |
| Boyd, Florence C. | 103 | 3000 | Baxter, Agnes B. | 102 | 4500 |
| Cameron, Henrietta J. | 53 | 1543 | Bower, E. F. | 103 | 4500 |
| Campbell, Catherine | 102 | 2970 | Etherington, Lillian | 103 | 4500 |
| Camplbell, Alexander | 102 | 2970 | Firth, Alice W. | 101 | 4412 |
| Daigle, Joseph | 98 | 28 30 00 | Firth, E. Louise | 101 96 | 4193 |
| DeRoche, Gertrude W. | 103 103 | 3000 3000 | Frellick, Myra Hamilion, M. A. | 103 | 4500 |
| Doucet, Alvena E. | 103 | 3000 3000 | Hamiton, M. A. Hilton, M. | 108 | 4149 |
| Embree, Violet G . | 103 36 | 30 10 | Kean, E.S. | 103 | 4500 4456 |
| LeBlanc, Marie E. | 103 | 3000 | Locke, F. Alberta | 102 | 4400 |
| Lavandier, Marie I. | 103 | 3000 | McMillan, Bernice | 103 | 4500 |
| MacInnis, Mamie C. | 103 | 3000 | McMillan, Doris | 103 | 4500 |
| MacLachlan, Annie M. | 103 | 3000 | Nicol, Charlotte | 103 | 4500 |
| Martel, Mary C. | 103 | 3000 30 | Perry, LolaE. | 81 | 3537 |
| Mauger, Agnes Jane | 103 | 3000 | Smith, Myrtle | 103 | 4500 |
| Pertus, M. Leontine | 103 | 3000 | Taylor, Eva H. | 103 | 3000 |
| Poirier, Annie | 103 | 3000 | Bower, Dorothy B. | 103 | 3000 |
| Poirier, Jeffrey H. | 103 | 3000 | Cameron, Mildred L. | 101 | 2941 |
| Richard, Mary E. | 103 | 3000 | Downie, Valda B. | 103 | 3000 |
| Riley, Ada | 103 | 3000 | Farrington, Helen M. | 102 | 2970 |
| Shannon, Mary M. | 103 | 3000 | Hagan, Ida | 103 | 3000 |
| Sister M. St. Prudent | 103 | 3000 | Hagar, Edna | 19 | 567 |
| Tate, Katherine Ann | 103 | 3000 | Hamilton, L. G. | 81 | 2359 |
| Campbell, Peter J. | 103 | 3000 | Harding, Zella M. | 81 102 | 2970 |
| Doyle, Johanna C. | 103 | 3000 | Hogg, Laura | 103 | 3000 |
| Kemp, Donald | 103 | 3000 | Jones, Bessie | 102 | 2970 |
| McKay, Tena J. | 103 | 3000 | Jones, Marg | 99 | 288 |
| MacPherson, Barbara | 103 | 3000 | Kempton, | - 102 | 2970 |
| O'Toole, M. Alberta | 103 | 3000 | Laing, I. J. | 101 | 2940 |
| White, Teresa | 103 | 3000 | Manthorne, Mildred Morton, Elizabeth M | 103 | 3000 2805 |
| Poor Sect | ns. |  | Nickerson, Frances | 98 | 3000 |
|  |  |  | O'Connor, M. B. | 103 | 3912 |
| Cameron, Mary M. | 103 | 4000 | Rawlings, I. A. | 100 | 2970 |
| Kyte, Viola | 103 | 4000 | Swimm, Hazel O. | 102 |  |
| LeLacheur, Ida J. | 103 | 4000 |  |  |  |
| MacKichan, Esther L. | 98 | 3806 | Poor Sect | ns. |  |
| MacNeill, Martha | 101 | 3922 |  |  | 4000 |
| MacPherson, Bertramı | 103 | 4000 | Gibbons, J. Miles | 103 | 40 |
| Mauger, Tina I. | 103 | 4000 | Jones, Mildred B. | 103 | 4000 |
| Ross, Lydia Jane | 103 | 4000 | McKenzie, Sadie V. | 103 | 4000 |
| Ross, Ella C. | 102 | 3961 | Purney, Maria I. | 103 | 400 |
| Ross, Ella C. 1st hf. yr |  | 892 | Shupe, Greta | 103 |  |
| Sutherland, Donald A. |  | 3922 | Annuita |  |  |
| Special Poor | tio |  |  |  | 4500 |
| Cape Creorge |  | 4000 |  |  | 45 |
| Lockside |  | 5000 | McMillan, Elizabeth |  |  |
| Assistant |  |  |  |  |  |
| Lejeune, Lillian |  | 1592 |  | IN |  |
| Gerard, Minnie J. |  | 1057 | BARRIN | I |  |
| Annuita |  |  | Abbott, Wenona | 101 | 6941 |
| Annuitant |  |  | Bent, Sarah R. | 102 | 6000 |
| Mcleod, Malcolm |  | 6000 | Brannen, L. G. | 103 |  |


| Brannen, L. G. (Lib.) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Fox, A. D. | 101 | 5883 | 3 LeBlanc, Mary | 103 | 4500 |
| Jox, A. D. (Lib.) |  | 1000 | 0 MacAskill, Flora | 103 | 4500 |
|  | 103 | 6000 | Macdonald, A. T. | 103 99 | 4500 |
| Morehouse, V. B. ${ }^{\text {a }}$ (Lib.) | 103 | 1000 6000 | MacIver, Christena | 99 103 | 43 45 45 00 |
| Nickerson, Beula | 103 | 6000 6000 | Mackenzie, Margaret Macleod, Abbie | 103 | 4500 |
| Pike, Mary W. | 103 | 6000 60 | Macleod, Abbie | 103 | 4500 |
| Sears, L. F. | 103 | 6000 | MacNeil, Sarah | 103 | 4500 |
| Swim, Lizzie M. | 101 | 5883 | MacNeil, Katherine | 103 | 4500 |
| Wood, Arthur E | 103 | 6000 | MacNeil, Annie | 101 | 4412 |
| Chater, Mildre | 93 | 4062 | Nicholson, Margaret | $102{ }^{\frac{1}{2}}$ | 4478 |
| Gardiner, M. | 99 | 4324 | Brown, Annie M. |  | 4500 29 |
| Hemeon, W. | 103 | 4500 | Dickson, Mary | 102 |  |
| Hopkins, B. L | 103 | 4500 | Macdermid, Rachel | 103 | 3000 |
| Hopkins, B. L. (Lib.) | 103 | 4500 1000 | Macdonald, Jessie | 102 | 2970 |
| Hopkins, Jane W. | 102 | 1000 | Macdonald, Florence | 103 | 3000 |
| Nickerson, Doris | 101 | 4456 | Macdougall, W. D. | 101 | 2941 |
| Nickerson, K. K. | $100 \frac{1}{2}$ | 4412 | Macgillivray, Mildred | 103 | 3000 |
| Nickerson, Lelia | $15{ }^{2}$ | 654 | Maciver, Mary | 103 | 3000 |
| Nickerson, L. I. | 102 | 4456 | Maclver, Florence | $100 \frac{1}{2}$ | 2927 |
| Nickerson, Nettie M. | 102 | 4456 | Maciver, Archie N. | 101 | 2941 |
| Smickerson, Stella M. | $100 \frac{1}{2}$ | 4390 | Macker, An | 102 | 2970 |
| Smith, Hazel H. | $103{ }^{2}$ | 4500 | Mack | 103 | 3000 |
| Smith, Minnie B. | 103 | 4500 | MacKenzie, Jess | 103 | 3000 |
| Thom, Nora E | $99{ }^{\frac{1}{2}}$ | 4346 | MacKenzie, Christena | 103 | 3000 |
| Wemas, Ida M. | 102 | 4456 | MacKenzie, Arabelle | 103 | 3000 |
| Wilson, Maude | 103 | 4500 | Maclean, Marjorie | 101 t | 1281 |
| Worthen, Freda | 80 | 3494 | Macleod, Georgina M. | $103{ }^{2}$ | 3956 |
| Brannen, Ruby V. | 102 | 4456 | Macleod, Neil | 92 | ${ }_{26} 79$ |
| Devine, Harriet | 103 | 3000 29 | Macleod, Dolly C. | 100 | 2912 |
| Orbes, Beatrice L. | $103{ }^{2}$ | 29 30 30 | MacMillan, Joan | 100\% $\frac{1}{3}$ | 2927 |
| Oodwin, Bernice A. | 102 | 2970 | Macneil, Winifred | 100 | 2912 |
| Goreham, Nettic A. | 101 | 2941 | Macneil, Elizabeth | 103 | 3000 |
| ikrlow, Emma M. | 102 | 2970 | Matheson, Margaret | 103 | 3000 |
| mith, Lillian E. | 103 | 3000 | M | 103 | 3000 |
| now, Ada M. | 68 | 1970 | Morr | 97 | 2824 |
| Oung Lennie M. | 103 | 3000 | Nichols | 103 | 3000 |
| lizzie J. | 103 | 3000 | Rice, Annie | 103 | 30 30 300 |
| Poor Sections. |  |  | Scott, Mary | 103 | 3000 |
| $\mathrm{Smith}^{\text {Willia }}$ D. I. |  |  | Smith, Annie | 103 | 3000 |
|  | 102 |  | Sutherland, Andrew | 103 | 3000 |
|  | 103 | 4960 | Sutherland, Mary | 103 | 3000 |

## Annuitant.

Matheson, W. H.

## Victoria.



| Macleod, Isabel | 103 | 40 |
| :--- | :---: | :---: |
| Macleod, Mary | 103 | 4000 |
| Macleod, Jessie | 102 | 3961 |
| MacMillan, Katherine | $102 \frac{1}{2}$ | 3980 |
| MacNeil, Jessie Ann | 103 | 4000 |
| Morrison, Susie | 94 | 36 |
|  |  |  |

10500
6000
5883
5883
3319
4500
4456
3931
4500
4478

Poor Sections.

## Special Poor Sections.

| Narrows Village | 2500 |
| :--- | :--- |
| Jubilee | 4500 |
| New Harris | 4000 |
| Cain's Mountain | 4000 |
| Consolidation. |  |

## Annuitants.

McDonald, M. B.
McLeod, John D.

## YARMOUTH.

| Blackadar, G. D. | 31 |
| :---: | :---: |
| Horner, A. W. | 103 |
| Kempton, W. F. | 103 |
| McGray, M. W. | 102 |
| Tooker, Beatrice | 36 |
| Wyman, H. J. | 103 |
| Allen, E. C. | 25 |
| Allen, Letha S. | 72 |
| Jeffery, Ralph L. | 103 |
| McLeod, A. J. | 101 |
| Perry, Evelyn A. | 50 |
| Ross, Frances G. | 102 |
| Spinney, M. E. | 102 |
| Allen, Georgie W. | 102 |
| Allen, S. B. | 102 |
| Bellevue, Winnifred | 101 |
| Bond, Mary G. | 102 |
| Brooks, R. P. | 3 |
| Burrell, Hilda | 103 |
| Churchill, G. H. | 102 |
| Churchill, Nelson | 103 |
| Durland, A. W. | 102 |
| Eaton, Leta G. | 3 |
| Foulis, A. J. | 103 |
| Goodwin, Effie B. | 102 |
| Gray, Eva I. | 92 |
| Grierson, Jean E. | 102 |
| Hines, Gladys H | 2 |
| Hines, Nora G. | 2 |
| Hopkins, Anita W. | 102 |
| Hopkins, Anita W. (Lib |  |
| Hopkins, Marion J. | 102 |
| Horner, Norna B. | 102 |
| King, Fannie H. | 10 |
| Lewis, Winnifred | 102 |
| Longmire, F. C. ${ }_{\text {( }}^{\text {c }}$ ) | 3 |
| Longmire, F. C. (Lib.) |  |
| McGray, Jean D. | 87 |
| McMurtery, Mildred | 103 |
| Moses, Agnes | 102 |
| Moses, Agnes (Lib.) |  |
| Moses, Dorothy M. | 10 |
| Muise, E. E. | 56 |
| Perry, E. Caroline | 103 |
| Pitman, Helen | 103 |
| Pitman, Marion | 10 |
| Pitman, Marion (Lib.) |  |
| Platt, Bessie H. | 102 |
| Raymond, Luella | 102 |
| Ryder, K. A. | 10 |
| Winter, Maud E. | 102 |
| Allan, Frances L. | 102 |
| Brown, Maude S . | 10 |
| Bryant, Arletta | 102 |
| Corning, N. R. | 102 |
| Delamere, S. P. | 102 |
| Killam, G. A. | 01 |


| LeBlanc, Exilda B. | 103 | 4500 |
| :---: | :---: | :---: |
| Mackay, Janet MacP. | 101 | 4412 |
| Meuse, Jospeh R. | 44 | 1921 |
| Morehouse, A. R. | 103 | 4500 |
| Platt, Ada M. | 102 | 4486 |
| Porter, Florence H. | 89 |  |
| Redding, W. B. | 0 |  |
| Reinhardt, A. M. | 102 | 44 4456 |
| Seeley, M. G. | 102 | 4500 |
| Travis, S. W. | 103 | 4500 |
| Travis, S. ${ }^{\text {Wetmore, Beryl }}$ | 102 | 4456 |
| Wyman, C. W. | 102 | 4456 |
| Bourque, Rose E. | 53 |  |
| Burrows, M. L. | 97 |  |
| Crosby, Addie M. | 103 |  |
| Golden, Lola D. | 103 | ${ }_{30} 00$ |
| Hamilton, Jessie E. | 103 | ${ }_{30} 00$ |
| Hatfield, Laurena | 103 | $\stackrel{39}{ }{ }^{39}$ |
| Hurlbert, H. E. | 101 |  |
| Jeffery, Marion | 101 |  |
| Ryder, Kathleen Spears, Agnes | 102 |  |
| Trefry, Mamie | 102 | 29 |

Poor Sections.

| Cann, Hazel E. | 101 $\frac{1}{2}$ | 3981 38 |
| :---: | :---: | :---: |
| Earle, M. B. | 100 | ${ }^{38} 88$ |
| Kinney, M. W. | 53 | ${ }^{20} 000$ |
| Nickerson, Maisie | 103 | 4000 |
| Trefry, Elsie | 103 |  |
| Annuitants. |  |  |
| Goudey, A. A. |  | 6000 6000 |
| Goudey, Theodosia |  | ${ }_{60}^{60} 0$ |
| Huestis, Hannah |  | 4500 |
| Chipman, A. J. |  | 4500 |

## ARGYLE.

|  | 00 |
| :--- | :--- |
| 0 | 00 |
| 0 | 66 |
| 0 | 00 |
| 9 | 41 |
| 0 | 00 |
| 9 | 41 |
| 2 | 61 |
| 0 | 00 |
| 0 | 00 |
| 0 | 00 |
| 5 | 00 |
| 9 | 41 |
| 9 | 41 |
| 8 | 83 |
| 9 | 41 |
| 4 | 56 |
| 4 | 12 |
| 44 | 56 |
| 45 | 00 |
| 44 | 56 |
| 44 | 12 |

6000
4500
4500

2709
9000
10500
7427
2621
9000
5243
7500
7354
3641
7427
5941
5941
5883
5941
6000
6000
5941
6000
5941
5416
6000
5941
5358
5941
5941
5941
5941
500
5941
5941
6000
5941
6000
1060
50
6000
5941
10
00
5941
3261
6000
6000
5941
5941
5883
4456
4412
4456
4500
4412

| McCarthy, Emma | 51 | 2227 | d'Entremont, C. M. | 103 |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Mius, M. Nellie | 103 | 4500 | DeViller, Elsic M . | 198 |  |
| Pothier, Laura I. | 102 | 4456 | Goodwin, Rosa P. | 50 | 1456 |
| Pottier, Estelle J. | 103 | 4500 | Hatfield, Dorothy | 103 | 2000 |
| Pottier, Viola | 63 | 2752 | Hatfield, Dorothy (Lib.) |  | 1000 |
| Purdy, Lennie S. | 78 | 3406 | LeBlanc, J. B. | 103 | 3000 |
| Reeves, F. D. | 103 | 4500 | Pothier, Martha | 103 | 3000 |
| Reeves, Elaine W. | 102 | 4456 | Sister M. Conzaga | 103 | 3000 |
| Sister M. Saraphia | 103 | 4500 4500 | Surette, Anne E. | 103 | 3000 |
| Sister M. Eugenie | 103 | 4500 | Poor Sectio |  |  |
| Sister M. Elise | 103 | 4500 | Poor Sectio |  |  |
| Spinney, Maisie | 103 | 4500 | Amirault, Mathilde | 103 | 4000 |
| Surette, Rose A. | 103 | 4500 | Babin, Caroline | 103 | 4000 |
| Troop, Bessie L. | 103 | 4500 | Hamilton, B. R. | 101 | 3922 |
| Amirault, Emilie Amirault, Muriel | 40 | 1165 30 | Hayden, L. Beryl | 103 | 4000 |
| Amirault, Muriel | 103 | 3000 |  |  |  |
| Babin, Rose A. | 103 | 3000 30 |  |  |  |
| Bain, Dorothy | 103 | 3000 | Annuitants-General. |  |  |
| Belliveau, Mary | 103 | 3000 | Calkin, J. B. |  | 30000 |
| Bourque, Helen M. | 103 | 3000 | Hall, J. B. |  | 30000 |
| Burke Mue, Rosie | 103 | 3000 | Roscoe, C. W. |  | 30000 |
| Burke, Marguerite | 103 | 3000 | Smith, O. A. |  | 25000 |

## Municipal School Fund

For the support of Public Schools, appropriated to Trustees of School Sections named below for the year ended July 31st, 1916.

The Asterisk (*) =in poor sections. (Con.) $=$ Consolidation.


ANNAPOLIS EAST.

| School for the Deaf |  |  | 625 |
| :---: | :---: | :---: | :---: |
| School for the Blind |  |  | 62500 |
| Melvern | 210 | 7786 | 8010 |
| Forest Glade | 205 | 2676 | 3531 |
| Margaretville E | 205 | 4264 | 4042 |
| Margaretville | 205 | 4570 |  |
| Prince Albert | 201 | 1943 | 3199 |
| Victoria Vale | 204 | 2084 |  |
| Mosher's Corner | 199 | 1944 | 3175 |
| Port George | 205 | 1909 | 3235 |
| Mount Hanley | 193 | 3161 |  |
| Outram | 196 | 960 | 2760 |
| Port Lorne | 205 | 3944 | 4020 |
| Arlington | 205 | 1334 | 3014 |
| St. Croix Cove | 205 | 2447 | 3443 |
| Hampton | 203 | 4711 | 4290 |
| Clarence West | 205 | 3057 | 3678 |
| Central Clarence | 205 | 3173 | 3722 |
| Clarence | 201 | 2136 | 3274 |
| Brooklyn West | 205 | 1843 | 3209 |
| Spa Springs | 200 | 2907 | 3558 |
| South Farmington | n204 | 4560 | 4245 |
| Wilmot | 205 | 2675 | 3531 |
| Middleton | 1020 | 29268 | 23718 |
| Brickton | 204 | 4538 | 4236 |
| Lawrencetown | 610 | 16383 | 13751 |
| Paradise | 410 | 10315 | 89 |
| Bridgetown | 1224 | 39401 | 30110 |
| Meadowvale | 205 | 2236 | 3362 |
| Torbrook | 407 | 7519 | 7860 |
| Nictaux Fall | 205 | 3451 | 3829 |
| Nictaux South | 203 | 2860 | 3577 |
| Nictaux | 205 | 5343 | 4559 |
| S. Williamston | 205 | 3676 | 3917 |
| N. Williamston | 203 | 2241 | 3338 |
| Carleton | 400 | 8623 | 8200 |
| Centrelea | 203 | 3280 | 3739 |
| Tupperville | 203 | 2496 | 3437 |
| Bloomington | 205 | 2288 | 3383 |
| Inglisville East | 201 | 2389 | 3371 |
| North Albany | 203 | 1114 | 2904 |
| Albany | 203 | 1934 | 3220 |
| West Paradise | 202 | 5900 | 4737 |
| Springfield | 205 | 3443 | 3827 |


| Lake Pleasant | 201 | 2492 | 3411 |
| :---: | :---: | :---: | :---: |
| Falkland Ridge | 200 | 5446 | 4536 |
| Torbrook Mines | 2031 | 3693 | 3904 |
| Hastings | 369 | 7317 | 7320 |
| North Springfield | 204 | 7172 | 5251 |

Poor Sections.

| D | 199 | 1071 | 4280 |
| :---: | :---: | :---: | :---: |
| West Inglisville | 184 | 1608 | 4295 |
| Ingleswood | 174 | 2077 |  |
| Torbrook East | 205 | 1483 | 46 |
| Moose Road | 152 | 1128 | 3432 |
| Durling Lake | 202 | 2454 | 5114 |
| Albany Cross | 91 | 289 | 18 |
| Dalhousie West | 205 | 1338 | 45 |
| Dalhousie Centre | 204 | 3407 | 5702 |
| Cherryfield | 189 | 1855 | 4501 |
| Hunter's Lodge | 58 | 222 | 1189 |

## ANNAPOLIS WEST.

| Young's Cove | 189 | 4457 | 4022 |
| :---: | :---: | :---: | :---: |
| Parker's Cove | 205 | 5804 |  |
| Hillsburn | 200 | 2964 | 3580 |
| Litchfield | $202{ }^{\frac{1}{2}}$ | 3889 | 3968 |
| Victoria Beac | 408 | 8588 | 8284 |
| Port Wade | 203 | 6955 | 51 |
| Karsdale | 205 | 4134 | 4093 |
| Lower Granville | 203 | 3854 |  |
| Stoney Beach | 205 | 3680 |  |
| Granville Ferry | 410 | 10491 |  |
| Granville Centre | 204 | 4317 | 4591 |
| Belleisle | 201 | 5552 | 4443 |
| Gesner | 205 | 5043 | 4337 |
| Chesley | 205 | 4768 | 8130 |
| Round Hill | 409 | 8157 | ${ }_{33} 08$ |
| Moschelle | 198 | 2318 |  |
| Annapolis | 1170 | 28730 | ${ }_{31} 2535$ |
| Upper Clements | 205 | 1677 | 8175 |
| Clementsport | 409 | 8272 | ${ }_{73} 73$ |
| Deep Brook | 406 | 6288 | 3150 |
| Waldeck East | 202 | 1782 3261 | ${ }_{37} 31$ |
| Clementsvale | 410 | 7179 | 776 |
| Prince Dale | 203 | 2806 | ${ }_{31} 06$ |
| Greywood | 193 | 1959 | ${ }_{33} 98$ |
| Milford | 193 | 2714 | 4051 |
| Maitland | 200 | 4186 | 2986 |
| Lake La Rose | 180 | 2053 | 3397 |
| Perotte | 190 | 2803 |  |
| L'Equille | 410 | 9086 |  |
| Waldeck West | 177 | 3323 |  |
| Allen River | 198 | 1045 | 3000 |
| Beaconsfield | 188 | 183 |  |

Poor Sections.

| Cove | 192 | 2750 | 5101 |
| :---: | :---: | :---: | :---: |
| Greenland | 149 | 1901 | ${ }_{22} 40$ |
| Wright | 106 | 521 | 4821 |
| Virginia | 205 | 1859 | 4509 |
| Dargie | 203 | 1379 1376 | 4016 |
| Lake May | 176 | 1376 |  |


| Victory | 102 | 709 | 22 | 74 | James River | 205 | 1693 | 34 |
| :--- | :---: | :---: | :---: | :--- | :--- | :--- | :--- | :--- |
| West Springhill |  | 742 | 40 | 69 | North Grant | 205 | 1906 | 36 |


| Dalhousie | 205 | 818 |
| :--- | ---: | ---: |
| Bear River | 1225 | 171 |
| * Northfield | 170 |  |
| Kingston | 205 | 7 |
| New Albany | 184 | 138 |
| New Grafton | 203 | 390 |
|  |  |  |
|  |  |  |
| ANTIGONISH. |  |  |



| West River (Con.) |  |
| :---: | :---: |
| Bailey's Brook | (Con.) |
| Georgeville (Con.) |  |
|  |  |
| nark | 205 |
| Harbor Road | d 205 |
| Morristo | -65 |
| Sak | 205 |
| Ca. Cape Georg | eorge |
| More George Pt. | Pt. |
| Georg | 205 |
| Malign | 2 |
| Arisaig |  |
| Mcara's Bro | ok 179 |
| Clyant Valley | y |
| cydesdale |  |
| S. South Rive | r |
| M. Harbor | 20 |
| $k$ 's He | 5 |
| $\mathrm{H}^{\text {mquet }}$ | 205 |
| Beathert | 205 |
| Afton | 205 |
| ${ }^{W}$. Ar |  |
| ${ }^{\text {Eig Tracad }}$ |  |
| Tracad | 200 |
| Hawood | 204 |
| E avre Bouch | r 615 |
| re Bo | r 192 |
| Glassburn | 194 |
| Marydale | 205 |
| D. Andrew | 20 |
| unmore |  |
| Jaser's Mill | 205 |
| S. River | 205 |
| cha | 196 |
| W. Ren Road | 191 |
| eav | 389 |
| ross Cl Meadow | W 205 |
| oss Rds Ohio |  |

## Poor Sections.

| William's Point | 205 | 1550 | 51 | 11 |
| :--- | :--- | :--- | :--- | :--- |
| Caledonia Mills | 148 | 2098 | 45 | 49 |
| Lochaber | 205 | 1786 | 63 | 18 |
| W. Lochaber | 181 | 1779 | 48 | 73 |
| U. Springfield | 195 | 2086 | 53 | 98 |
| Stewart's Mills | 172 | 1486 | 44 | 51 |
| Morvan | 184 | 1491 | 46 | 75 |
| Brierly Brook | 204 | 3825 | 70 | 90 |
| Pinevale | 79 | 323 | 17 | 29 |
| Springfield | 202 | 2142 | 55 | 76 |
| Cloverville | 205 | 3342 | 6684 |  |
| Big Marsh | 201 | 2010 | 64 | 62 |
| Middleton | 194 | 1970 | 52 | 78 |
| Copper Lake | 205 | 1834 | 53 | 60 |
| New France | 201 | 1764 | 52 | 26 |
| W. Lakevale | 205 | 2339 | 58 | 03 |
| Border Sections. |  |  |  |  |


| N. Merland | 190 | 1794 | 29 | 04 |
| :--- | ---: | ---: | ---: | ---: |
| *Auld's Cove | 200 | 1780 | 39 | 41 |
| Grosvenor | 205 | 200 | 7 | 42 |
| Bailey's Brook | 194 | 784 | 9 | 12 |
| Argyle | 202 | 431 | 10 | 21 |

## CAPE BRETON.

| School for the Deaf School for the Blind |  |  | 13750 |
| :---: | :---: | :---: | :---: |
|  |  |  | 2950 |
| Sydney | 16396 | 661999 | 525156 |
| South Bar | 202 | 4946 | 4898 |
| Low Point | 591 | 13243 | 137 |
| New Waterford | 5072 | 152648 | 1368 |
| Lingan | 204 | 6193 | 55 |
| Lingan Road | 379 | 6347 | 7740 |
| Lakevale | 198 | 1880 | 3338 |
| Gardine | 204 | 5343 | 5113 |
| Reserv | 1845 | 67063 | 554 |
| Dominion | 2041 | 74138 | 613 |
| Glace Bay | 13187 | 571030 | 4413 |
| Big Glace Ba | 1017 | 32944 | 285 |
| Lakeview | 204 | 2560 | 3745 |
| Blockhouse | 192 | 2100 | 3373 |
| Gowrie | 820 | 20685 | 20161 |
| Birch Grov | 410 | 13950 | 11853 |
| Homeville | 205 | 2824 | 3887 |
| South Head | 205 | 1968 | 3467 |
| Milton | 202 | 3881 | 4369 |
| Round Island | 154 | 1236 | 2485 |
| Mira Gut | 205 | 1549 | 3261 |
| Horn's Road | 200 | 2223 | 3531 |


| Westmount | 204 | 4377 | 4638 | Poor Sections. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Marion Bridge | 205 | 4768 | 4842 |  |  |  |  |
| Sandfield | 199 | 2102 | 8468 | Hillside | 197 | 920 | 4281 |
| The Meadows | 196 | 1823 | 3285 | Front Lake | 119 | 835 |  |
| The Meadows (Con) |  |  | 4780 | Caribou Marsh | 175 | 1490 |  |
| Sydney River | 205 | 3735 | 4335 | Rear of Ball's Ck. | 182 | 9 | ${ }^{38} 88$ |
| Coxheath | 205 | 4955 | 4934 3395 | Forest | 187 | 2857 | 5526 |
| Blackett's Lake | 204 | 45 |  | Scatarie | 184 | 1550 | 4508 |
| Edwardsville Point Edward | 200 | 3345 3604 | 4270 | Trout Brook | 204 | 2474 | 5555 |
| Ball's Bridge | 205 | 3667 | 4301 | Ocean View | 194 | 1698 | 4800 |
| Ball's Creek | 128 | 1648 | 2370 | Ocean View (Con.) |  |  |  |
| Leitche's Creek | 205 | 2506 | 3731 | Belfry | 87 | 2138 |  |
| Up. Leitche's Cr. | 194 | 1391 | 3049 | Canoe Lake | 187 | 1529 |  |
| Up. N. Sydney | 205 | 3561 | 4249 | Grand Mira | 18 | -1630 |  |
| North Sydney | 4582 | 209782 | 158933 | Gr. Mira North | 172 | 16 | 3951 |
| Sydney Mines | 6524 | 254501 | $\begin{array}{r}104584 \\ 314 \\ \hline 18\end{array}$ | ${ }^{\text {Big Glen }}$ | 6 | 1183 | 2610 |
| Florence | 1010 404 | 38944 | 314 <br> 10748 <br> 18 | Amacadaadeez | 167 | 2491 | 4891 |
| Little Bras d'Or | 409 | 12464 | 11111 | Highlands | 160 | 1420 |  |
| L. Bras d'Or West | t205 | 4108 | 4518 | Big Beach | 201 | 3178 |  |
| George's River | 202 | 5279 | 5056 | Frenchvale | 203 | 2592 |  |
| Long Isld. Main | 174 | 1755 | 2984 | Catalone Gut | 189 | 1666 |  |
| Big Bank | 192 | 1275 | 2967 |  |  |  |  |
| Eureka | 191 | 2552 | 3582 | Special Poor | oor | ctio |  |
| Groves's Poin | 203 | 2264 | 3588 |  |  |  |  |
| Mill Creek | 195 | 4918 | 4794 | Woodbine |  |  | 4502 |
| Point Aconi | 201 | 1578 | 32 38 32 | Victoria | 184 | 1377 | 4381 |
| Millville | 200 | 1732 | 38 33 39 | Ben Eoin | 174 | 1391 | 4208 |
| Union | 193 | 1868 | 3271 |  | 169 | 783 | 3668 |
| Brickyard Catalone | 193 | 1868 2240 | 3222 |  |  |  |  |
| Bateston | 204 | 5284 | 5084 | Border | Se |  |  |
| Clark's Road | 193 | 1117 | 2903 |  |  |  | 2370 |
| Mainadieu | 200 | 4559 | 4678 | Irish Cove | 197 | 2151 |  |
| Baleine | 184 | 569 | 2523 |  |  |  |  |
| Little Lorraine | 200 | 3081 | 3952 |  |  |  |  |
| Big Lorraine | 201 | 1994 | 3430 3085 |  |  | SO |  |
| Louisburg | 996 | 38081 4167 | 30853 40 96 |  |  |  |  |
| West Louisburg | 168 | 4167 872 | 4096 16 23 | Truro 6 | 6023 | 8589 | 677 <br>  <br> 10 <br> 04 <br> 04 |
| New Boston | 181 | 2216 | 3295 | Bible Hill | 615 | 4717 | 7581 |
| French Road | 193 | 2211 | 3440 | Upper Onslow | 5 | 4671 |  |
| Gabarus Bay | 205 | 2156 | 3559 | Central Onslow | 205 | 3129 |  |
| Gabarus | 404 | 10286 | 9980 | Lower Onslow | 205 | 4830 |  |
| Gabarus Lake | 203 | 3746 | 4316 | Belmont | 204 | 5783 4090 |  |
| Upper Gr. Mira | 204 | 4075 | 4490 | Upper Belmont | 181 | 4649 |  |
| Victoria Bridge | 205 | 1842 | 3405 | Crowe's Mill | 204 | 4255 |  |
| Salmon River | 122 | ${ }_{3293}$ | 20 <br> 41 <br> 18 | Onslow Mt. Cen North River | $\stackrel{200}{2}$ | 1919 |  |
| East Bay (Con.) | 205 | 329 | 4118 7500 | Cen. North River | 204 | 4946 |  |
| East Bay (Con.) | 202 | 3982 | 7519 4419 | Salmon River | 203 | 4893 |  |
| Big Pond | 204 | 2792 | 3859 | Valley | 204 | 4721 |  |
| Irish Vale | 205 | 4361 | 4643 | Manganese Mines |  |  |  |
| Loch Lomond | 177 | 1417 | 2854 | Kemptown | 155 | 1628 |  |
| Portage | 204 | 4459 | 4678 | Riversdale | 205 | 5181 |  |
| N. Side E. Bay | 191 | 2504 | 3559 | Greenfield | 202 | 4278 |  |
| Eskasoni | 205 | 2728 | 3840 | Harmony | 23 | 2421 |  |
| Eskasoni (Con.) |  |  | 3720 | Camden | 200 | 5263 |  |
| Benacadie | 200 | 5881 | 5328 | Lower Truro | $204 \frac{1}{2}$ | 5385 |  |
| Grand Narrows | 205 | 5181 | 3571 5184 | Olifton | 95 | $\begin{array}{r}436 \\ \hline 814\end{array}$ |  |
| Beaver Cove | 194 | 2654 | 3670 | Princeport | 203 | 3813 | 66 |
| Boisdale | 205 | 3547 | 4242 | Beaver Brook | 205 | 3345 | 68 |
| Barachois | 194 | 5142 | 4892 | Green Oaks | 206 |  |  |


| Green's Creek <br> Lr. Pleasant Val. | 205 | 1965 | 6085 | Poor Sections. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 203 | 1455 | $\begin{aligned} & 6085 \\ & 57 \quad 53 \end{aligned}$ |  |  |  |  |
| Up. Pleasant Val | I. $195 \frac{1}{2}$ | 2139 | 5949 | Lake Road | 203 | 2190 | 77 |
| Hilden | 205 | 4485 | 7479 | New Truro Road | 92 | 236 | 2967 |
| Brook Alma | 410 | 12544 | 16934 | Clydesvale | 101 | 222 | 3232 |
| Fort Ellis | 167 205 | 2505 | 5457 | Truro Road | 184 | 2104 | 7063 |
| Landor | 820 | 22298 | 32325 |  | 203 | 2708 | 80 |
|  | 204 | 4442 | 7431 |  |  |  |  |
| Shubenacadie E, | 205 | 5271 | 7913 |  |  |  |  |
| Gays River | 200 | 3557 | 6843 | COL | ER | ES |  |
| Coldstream | 202 | 1932 | 5993 |  |  |  |  |
| W. St. Andrews | 186 | 1285 | 5245 | Lr. Five Islands | 402 | 7527 | 139 |
| South Branch | 205 | 3460 | 6913 | Up. Five Islands | 408 | 8695 | 14756 |
| Meadowvale (Con.) |  | 3040 | 8680 | Lr. Economy | 205 | 3471 | 6919 |
|  |  |  | 2000 | Central Economy | 407 | 7691 | 14176 |
| Newton Mills | 194 | 4493 | 7214 | Upper Economy | 205 | 4080 | 7255 |
|  | 204 | 4561 | 7497 | Pleasant Hills | 192 | 1403 | 5458 |
|  | 173 | 3413 | 6788 59 | Bass River | 392 | 11328 | 15821 |
| Burnside | 204 | 3088 3795 | 59 70 71 | Montrose | 202 | 2357 | 6226 |
| Upper Stewiacke | 410 | 3795 5952 | 7071 13290 | Highland Village Great Village | 205 | 2825 18936 | 6561 27845 |
| Otterbrook | 205 | 3518 | 6940 | Great Village (Con) | n.) | 18936 | 2500 |
| Birch HillsAlton | 196 | 4471 | 7251 | Lornevale | 202 | 1606 | 5813 |
|  | 202 | 1698 | 5863 | Londonderry | 816 | 24244 | 33302 |
|  | 205 | 3868 | 7138 | West Folly M | 205 | 2689 | 6485 |
|  |  |  |  | East Village | 191 $\frac{1}{2}$ | 1703 | 5610 |
| Poor S | Section |  |  | Folly Village | 410 | 8113 | 14484 |
| McCallum S'm't. 20 |  |  |  | Lower DeBert | 204 | 2340 | 6268 |
|  |  | 1674 | 7375 | Masstown | 204 | 4404 | 7409 |
| Nuttby <br> Up. North River <br> 189 |  | 1307 | 7152 | DeBert Station | 410 | 8143 | 14500 |
| Forest Glen |  | 1780 | 69 7206 | East Folly Mt. | 205 | 3317 | 6832 |
| Riverside | 203 | 1386 3258 | 7206 84 84 | Londonderry St. | 202 | 2346 | 6222 |
| Wittenberg | 204 | 3177 | 84 | Portaupique | 205 | 5830 | 6606 |
| LanesvilleSmithfield | 205 | 1610 | 7362 | Lttle Bass River | 191 | 4298 | 8223 70 |
|  | 203 | 381 | 6450 | Portaupique Mt. | 204 | 1896 | 6022 |

## Poor Sections.

COLCHESTER NORTH.


| North Wallace | 205 | 4903 | 7703 | Williamsdale | 197 | 2564 | $6220$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Fox Harbor | 203 | 3798 | 7046 | Westchester Mt. | 203 | 2312 | 6225 |
| Lr. Gulf Shore | 200 | 1706 | 5819 | Westchester St. | 205 | 5972 | 292 |
| Up. Gulf Shore | 200 | 2008 | 5985 | Hastings | 178 | 2697 | 5828 |
| Pugwash | 613 | 19831 | 25610 | Chignecto | 205 | 6871 | 8790 6126 |
| N. Wallace Bay | 203 | 2018 | 6064 | Henderson | 20 | 2041 |  |
| S. Wallace Bay | 204 | 3421 | 6860 | Sand River | 20 | 2724 | 64.43 |
| Pugwash Jct. | 205 | 4364 | 7406 | Carrington | 1938 | 2399 | 4340 |
| E. Pugwash River | 191 ${ }^{\frac{1}{3}}$ | 1503 | 54 <br> 64 <br> 188 | Millvale | 149 | 12563 | 5758 |
| Upper Pugwash | 205 | 2644 | 6458 7358 | S. Mt. Pleasant | 178 | 2563 37494 | 56384 |
| Wallace Bridge | 200 | 4496 | 7358 | River Hebert | 189 | 37494 2990 | 6258 |
| Rockly | 202 | 1995 | 6026 | West Pugwash | 189 | 2990 |  |
| Roslin | 201 | 1613 | 5790 | East Wentworth | 203 | 2636 | 6140 |
| West Hansford | 205 | 1708 | 5942 | Killarney | 203 | 2156 | 61828 |
| Victoria | 198 | 2095 | 5985 | Clifton | 200 | - 3530 | 68770 |
| Hartford | 205 | 3189 | 6758 | Springhill | 160 | 204205 | 7284 |
| Port Howe | 205 | 5057 | 7788 | Thompson | 203 | 4176 | 24 40 |
| Up. Linden | 202 | 4131 | 7203 | Marsfield | 199 | 2511 | 6268 |
| Shinimacas Br. | 201 | 1086 | 5500 | South Brook | 201 | 1917 |  |
| Shinimacas | 208 | 4778 | 7585 | Lt. River South | 182 | 1311 | 7440 |
| Northport | 408 | 9364 | 15116 | Springhill Jct. | 198 | 4732 | 7420 69 |
| Tidnish | 203 | 5483 | 7974 | Rodney | 205 | 3482 2718 | 6426 |
| Head of Amherst | 203 | 6080 | 8304 | Beckwith | 202 | 2718 |  |
| Truemanville | 205 | 3813 | 7102 | South Pugwash | $198 \frac{1}{2}$ | 2623 | 8651 |
| Warren | 204 | 3937 | 7145 | Collingwood | 199 | 6886 |  |
| Amherst | $8082 \frac{1}{2}$ | 336454 | 337343 |  |  |  |  |
| Ft. Lawrence | 199 ${ }^{2}$ | 3040 | 6542 | Poor | Sect | ons. |  |
| Amherst Point | 203 | 2056 | 6084 |  |  | 2882 |  |
| N. Middleboro | 201 | 3713 | 6950 | Valley Road | 201 |  | 8228 |
| Nappan | 406 | 9567 | 15172 | Lr. Greenville | 184 | 1811 | 8668 |
| Maccan | 200 | 10114 | 10454 | Farmington | 149 | 489 |  |
| Lr. Maccan | 204 | 3361 | 6827 | Appleton | 204 | 1892 | 9232 |
| Lr. River Hebert | 205 | 5881 | 8243 | East Hansford | 196 |  | 9581 |
| Barronsfield | 204 | 1407 | 5749 | River View | 201 | 2633 | 8851 |
| Lower Cove | 92 | 2112 | 3410 | North Greenville | $201 \frac{1}{3}$ | 1790 | 8803 |
| Minudie | 203 | 5242 | 7841 | Rushton | 160 | 1391 | 7486 |
| Joggin Mines | 1331 | 50530 | 60328 | Greenville St. | 156 | 2151 | 7484 |
| Shulee | $202 \frac{1}{2}$ | 6679 | 8621 | Black River | 179 | 1593 | 8545 |
| Lorneville | 205 | 4755 | 7621 | Salt Spring | 190 | 1927 | 8990 |
| Amherst Shore | 77 | 606 | 2211 | Westchester Val. | 205 | 1802 | 9324 |
| Chapman Sett. | 203 | 4641 | 7509 | Conns Mills | 1923 | 2761 |  |
| Tidnish Bridge | 203 | 4978 | 7696 |  |  |  |  |
| Rv. Hebert Head | 204 | 2746 | 6489 |  |  |  |  |
| Athol | 202 | 2550 | 6331 | PARR | SBO | RO. |  |
| Southampton | 204 | 6082 | 8328 |  |  |  | 99749 |
| West Brook | 202 | 4052 | 7161 | Parrsboro | 2248 | 81457 | 2474 |
| East Mapleton | 185 | 2404 | 5836 | Port Greville | 614 | 17722 | 5950 |
| Mapleton | 203 | 2306 | 6223 | New Prospect | 205 | 1720 | 6720 |
| Leamington | 204 | 4395 | 7396 | Cross Roads | 1931 | 3624 | 8928 |
| South Athol | 199 | 2283 | 6112 | Diligent River | 205 | 7123 | 7118 |
| Windham | 205 | 2470 | 6362 | Cannonville | $202 \frac{1}{2}$ | 3952 | 22288 |
| Herrett Road | 199 | 4117 | 7124 | Fox River | 614 | 13144 | 5588 |
| Glenville | 202 | 3622 | 6923 | Bookville | 201 | 1232 | 7305 |
| Brookdale | 202 | 4297 | 7296 | Fraserville | 205 | 4180 | 8890 |
| Salem | 201 | 2317 | 6179 | Spencers Island | 205 | 7055 21295 | 31578 |
| Fenwick | 205 | 2653 | 6462 | Advocate (Con) | 813 | 21295 | 5000 |
| Up. Nappan | 205 | 4336 | 7390 | Advocate (Con.) |  | 9743 |  |
| Streets Ridge | 169 | 2613 | 5562 | Apple River | 402 | 7788 | 8910 |
| West Leicester | 205 | 2889 | 6593 | New Salem | 205 | 7088 | 7124 |
| East Leicester | 208 | 4368 | 7359 | Lakelands | 203 | 3941 | 6780 |
| N. Little River | 198 | 1071 | 5420 | W. Halfway Rive | 201 | 3406 |  |
| N. Mt. Pleasant | 202 | 2503 | 6306 | New Canaan | 205 | 3148 | 66 |
| Oxford | 1635 | 56190 | 70863 | E. Halfway River | 204 | 2846 | 6583 |
| River Philip | 201 | 3089 | 6605 | Wharton | 205 | 1697 | $58{ }^{68}$ |
| River Center | 174 | 4163 | 6541 | Harrison Sett. | 202 | 3256 | 679 |

Poor Sections.
CLARE.

| Green Hill | 203 | 3457 | 10284 |
| :--- | :--- | ---: | ---: |
| Black Rock | 200 | 2604 | 94 |
| New Yarmouth | 151 | 444 | 58 |
| Y2 |  |  |  |
| W. Apple River | 192 | 3250 | 97 |

DIGBY.
School for the Deaf
School for the Blind
Milford Corner 19
$\begin{array}{ll}\text { Lansdowne } & 204 \\ \text { Morganville } & 205\end{array}$
$\begin{array}{ll}\text { Morganville } & 205 \\ \text { Cross Road } & 201\end{array}$
Smith's Cove ${ }_{4}^{410}$
$\begin{array}{ll}\text { Acacia ville } & 203 \\ \text { Hill Grove } & 203 \\ \text { North Range } & 202\end{array}$
$\begin{array}{ll}\text { North Range } & 202 \\ \text { Marshalltown } & 203 \\ \text { Brighton } & 409\end{array}$
$\begin{array}{ll}\text { Pighton } & 409 \\ \text { Plympton } & 162 \\ \text { Port Gilbert } & 205 \\ \text { Ashmore } & 205 \\ \text { Fort Point } & 205 \\ \text { W }\end{array}$

| Weymoint | 205 |
| :--- | ---: |
| Weymouth |  |
| Worth 410 |  |
| Wemmouth | 615 |

$\begin{array}{lll}\text { Weymouth } & 615 & 1 \\ \text { Weymouth Mills } & 205 \\ \text { Doucetville } & 188\end{array}$
$\begin{array}{lrr}\text { Digbetvilie } & 188 \\ \text { Culloden } & 1420 & 4215 \\ \text { Mount } & 193 & \end{array}$
Mount Pleasant
Rossway
Waterford
Centreville
Sandy Cove
Mindy Cove
Mink Cove
Little River
Tiverton
Central Grove
Frent
Cind
Fre
We
reeport
Westport
Lake Jolly
Poor Sections.

| Wey Range | 181 | 2000 | 5138 |
| :---: | :---: | :---: | :---: |
| Sissibouth Falls | 53 | 1662 | 2487 |
| Pympoo Falls | 194잔 | 2040 | 5421 |
| Riverdan Station | 201 | 2893 | 6320 |
| B | 103 | 835 | 2646 |
| axv | 203 | 2797 | 6269 |
|  | 205 | 2625 | 6148 |
| Tidd | 203 | 1814 | 5371 |
| $\mathrm{Eastr}^{\text {Fe}}$ | 205 | 2329 | 5878 |
| South Range | 201 | 2275 3492 | 5756 67 |

Border Sections.

| ${ }^{*}$ Southville | 203 | 1981 |  |
| :---: | :---: | :---: | :---: |
| Bearvers | 205 | ${ }_{3510}$ |  |
| Ohior River | 1225 | 14815 | 16265 |
| ${ }^{*} \mathrm{H}_{\text {arle }}$ | 205 | 188 | 247 |
|  | 38 | 380 | 948 |


| School for the Blind School for the Deaf |  |  | 37500 |
| :---: | :---: | :---: | :---: |
|  |  |  | 25000 |
| New Edinburgh | 205 | 8034 | 6346 |
| Belleveau's Cove | 406 | 13386 | 11358 |
| St. Joseph | 203 | 5029 | 4882 |
| Grosses Coques | 407 | 14155 | 11738 |
| Church Point | 410 | 10108 | 9839 |
| Comeauville | 615 | 17629 | 15939 |
| Saulnierville | $370 \frac{1}{2}$ | 12647 | 10572 |
| Meteghan River | 606 | 13753 | 13962 |
| Meteghan | 820 | 26657 | 22761 |
| Cheticamp | 205 | 6030 | 5386 |
| Mavilette | 410 | 7521 | 8600 |
| Salmon River | $406 \frac{1}{2}$ | 9529 | 9517 |
| Hassetts | 203 | 1931 | 3399 |
| Havelock | 205 | 3362 | 4110 |
| New Tusket | 200 | 5128 | 4893 |
| Corberrie | 205 | 6249 | 5491 |
| Concession | 410 | 12101 | 10793 |
| Theriault | 408 | 10108 | 9814 |
| Meteghan St. | 205 | 2057 | 3484 |
| Maytower | 205 | 3454 | 4153 |
| St. Martin | 205 | 4824 | 4809 |
| St. Benoni | 189 ${ }^{\frac{1}{2}}$ | 5569 | 4976 |
| Lr. Saulnierville | 168 | 8639 | 6183 |
| Bear Cove | 195 | 3404 | 40.07 |
| Cape St. Mary | 205 | 6442 | 5583 |
| Lake Doucet | 204 | 4175 | 4485 |
| Little Brook St. | 202 | 6423 | 5537 |
| St. Bernard | 205 | 8250 | 6450 |
| Poor Sections. |  |  |  |
| 3rier lake | 201 | 2882 | 5746 |
| Easton | 185 | 1792 | 4670 |
| Hectanooga | 193 | 3115 | 5765 |
| Richfield | 103 | 1101 | 2674 |


| Beaver River | 203 | 969 | 19 | 51 |
| :--- | ---: | ---: | ---: | ---: |
| Cedar Lake | 98 | 981 | 16 | 64 |
| Ohio | 205 | 3345 | 39 | 67 |
| *Harlem | 83 | 578 | 13 | 29 |
| $* * S o u t h v i l l e ~$ | 205 | 1170 | 22 | 38 |
| *Danvers | 205 | 12 | 20 |  |
| Lake Annis | 187 | 580 | 897 |  |

## GUYSBORO.

| School for the Blind |  |  |  |
| :---: | :---: | :---: | :---: |
| Guysboro | 819 | 16675 | 20411 |
| S. Intervale | 205 | 915 | 3072 |
| Roman Valle | 205 | 3081 | 4426 |
| Cooke's Cove | 205 | 4125 | 5078 |
| oachvale | 190 | 2229 | 3710 |
| Ogden | 200 | 1478 | 3363 |
| Erinville | 205 | 3285 | 4553 |
| U. New Harbor | 167 | 4097 | 4598 |
| Half Way Cove | 205 | 3218 | 4511 |
| Queensport | 200 | 5013 | 5572 |
| Half Island Co | 205 | 5363 | 5852 |


| Hazel Hill | 820 | 17151 | 20721 | Smithfield | 1.99 | 2042 | 3427 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Canso | 1431 | 61171 | 55699 | L. Caledonia | 203 | 2191 | 3548 |
| U. White Head | 193 | 1718 | 3428 | U. Caledonia | 186 | 1298 | 2903 |
| White Head | 193 | 5816 | 5989 | Aspen | 205 | 2745 | 3848 |
| N . Intervale | 196 | 1696 | 3450 | Ecum Secum | 180 | 5908 | 5087 |
| M. Melford | 196 | 2023 | 3765 | Marie Joseph | 202 | 3798 | 4322 |
| Sand Point | 198 | 2128 | 3745 | Liscombe | 195 | 3716 | 4197 |
| U. Manchester | 203 | 1888 | 3656 | Wine Harbor | 190 | 5167 | 4846 |
| M. Manchester | 205 | 2850 | 4281 | Port Hilford | 205 | 4220 |  |
| Lr. Manchester | 205 | 3180 | 4488 | Indian Har. Lake | 186 | 3547 | 40 |
| Port Shoreham | 205 | 3744 | 4840 | Sonora | 202 | 4305 | 45 |
| St. Francis Har. | 203 | 1699 | 3538 | Goldenville | 203 | 8000 | 6392 |
| Boylston | 205 | 2873 | 4296 | Goshen | 205 | 2585 | 3765 |
| Mulgrave | 410 | 17340 | 15839 | Chegogin | 176 | 1831 | 30 <br> 38 <br> 63 |
| Pirate Harbor | 410 | 14959 | 14350 | Spanish Ship Bay |  | 3233 | 3863 |
| Steep Creek | 203 | 2886 | 4280 | Poor Sections. |  |  |  |
| Oyster Ponds | 205 | 3278 | 4549 |  |  |  |  |
| C'try Har. Mines | 203 | 3194 | 4472 |  |  |  |  |
| Stormont | 205 | 3872 | 4920 | Cameron Sett. |  |  | 579 |
| L. New Harbor | 198 | 3659 | 4702 | New Chester | $20$ | ${ }^{281}$ |  |
| Isaac's Harbor | 380 | 9414 | 10518 | L. Liscombe | 205 | 2142 | 4711 |
| Goldboro | 410 | 10953 | 11846 | St. Mary's River | ${ }_{136}^{185}$ | 1807 738 | 4730 |
| Seal Harbor | 195 | 3945 | 4844 | Union |  | 738 | 30 |
| Giant's Lake | 194 | 3060 | 4279 | Border Sectiona. |  |  |  |
| Lakedale | 190 | 1578 | 3303 |  |  |  |  |
| Little Dover | 205 | 7591 | 7245 |  |  |  |  |
| E. Port Felix | 205 | 3882 | 4927 | Newtown | 181 | 1139 3755 | ${ }_{33} 61$ |
| W. Port Felix | 205 | 3891 | 4932 4680 | Port Bickerton | 203 |  | 3368 |
| Cole Harbor | 205 | 3487 8000 | 4680 7439 | Cross Rds. C. Har | 202 | 560 | 1506 |
| Charlo's Cove Larry's River | 4200 | 8000 15412 | 7439 14573 | Argyle | 202 | 560 |  |
| Gammond's Pt. | 175 | 1800 | 3259 |  |  |  |  |

Poor Sections.

| Riverside | 203 | 3599 | 7088 | HALIFAX EAST. |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Havendale | 205 | 1724 | 5366 |  |  |  |  |
| Prospect | 191 | 2323 | 5672 | Oyster Pond | 204 | 8000 | 8486 |
| Sandy Cove | 194 | 976 | 4464 | East Jeddore | 205 | 6163 | 7919 |
| Black Point | 142 | 2224 | 4682 | Clam Harbor | 205 | 4595 | 89 |
| Tompkinsville | 187 | 1047 | 4402 | Owl's Head | 200 | 4900 | 6998 |
| Coddle's Harbor | 161 | 2144 | 4955 | Lr. Ship Harbor | 1883 | 5019 |  |
| Cosbee | 183 | 1435 | 4692 | N. Ship Harbor | 205 | 7 |  |
| Yankee Harbor | 32 | 213 | 785 | Newcombe's Br. | 38 | 277 |  |
| Fisherman's Har. | 198 | 2020 | 5517 | E. Ship Harbor | 198 | 45.6 |  |
| lundy | 162 | 1006 | 3906 | Murphy's Cove | 195 | 3513 |  |
| Border Sections. |  |  |  | Tangier | 200 | 7070 |  |
|  |  |  |  | Mooseland | 194 | 2174 |  |
| Grosvenor | 205 | 1718 | 2949 | Pope's Harbo | 205 | 4080 |  |
| Cross Rds. C. Har | 200 | 2688 | 4053 | Spry Harbor | 203 | 4093 |  |
| Argyle | 202 | 167 | 566 | Spry Bay (Henley) | 190 | 4536 |  |
| Port Bickerton | 203 | 2016 | 2213 | Spry Bay (Leslie) | 166 | 2385 |  |
| N. Merland | 190 | 372 | 633 | Mushaboon | 200 | 5455 | ${ }^{64} 70$ |
| Auld's Cove | 200 | 706 | 1943 | W. Sheet Harbor | 410 | 8560 |  |
|  |  |  |  | E. Sheet Harbor | 198f | 5882 |  |
|  | - |  |  | Lewiston | 79 | 584 |  |
|  |  |  |  | Watts | 195 | 3750 | 4159 |
| ST. MARY. |  |  |  | Beaver Harbor | 205 | 2221 | 12759 |
|  |  |  |  | Port Dufferin | 409 | 10443 |  |
| School for the Blind |  |  | 12500 | Quoddy | 162 | 4787 | 5971 |
| School for the Dea |  |  | 25000 | Harrigan Cove | 205 | 86119 | 10871 |
| Sherbrooke | 611 | 15565 | 15070 | Moser River | 396 | 8154 | ${ }^{63} 48$ |
| Stillwater | 205 | 3336 | 4133 | Smith's Cove | 200 | ${ }_{3} 6244$ | 5246 |
| Glenelg | 189 | 3436 | 3987 | Ecum Secum | 205 | 3691 |  |

Poor Sections.

|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Upper Lakeville | 205 | 2405 | 64 | 34 |
| Lower Lakeville | 197 | 2949 | 68 | 93 |
| Sheet Harbor Rd. | 185 | 2741 | 64 | 46 |
| Lochaber Mines | 180 | 1506 | 49 | 74 |
| Sober Island | 181 | $\mathbf{4 3 8 6}$ | 82 | 07 |
| Sheet Har. Pass. | 136 | 1637 | $\mathbf{4 3}$ | 12 |

HALIFAX WEST.

| School for the Deaf School for the Blind |  |  | 843 |
| :---: | :---: | :---: | :---: |
|  |  |  | 887 |
| Hubbards | 408 | 7850 | 108 |
| ck Poin | 205 | 8000 | 84 |
| ingram | 205 | 7107 | 77 |
| El. J | 192 | 5359 | 63 |
| Hast Rive | 195 | 2290 | 40 |
| Victoria | 205 | 2277 | 4194 |
| Albert | 205 | 5010 | 6228 |
| clen Marga | 205 | 4534 | 58 |
| kett's Cove | 200 | 6525 | 72 |
| Indian Har | 400 | 10580 | 127 |
| est Dov | 192 | 3474 | 4926 |
| st Dov | 195 | 6944 | 7545 |
| pper Prospe | 197 | 5444 | 6453 |
| Perrence Bay | 151 | 7109 | 7130 |
|  | 127 | 4256 | 4642 |
| Harrietsfi | 205 | 5300 | 6444 |
| Spryfield | 100 | 1788 | 25 |
| Petch | 198 | 4349 | 5653 |
| H | 165 ${ }^{\frac{1}{2}}$ | 2810 | 4108 |
| Ferring | 196 | 8000 | 8343 |
| Cunard ${ }^{\text {crgus }}$ Cove | 201 | 4845 | 6056 |
|  | 202 | 3501 | 5068 |
| Rocking A | 200 | 7396 | 7942 |
| Bedford | 204 | 6620 | 7414 |
| $\mathrm{H}_{\text {amm }}$ | 398 | 15602 | 16464 8087 |
| Up. Sackv | 192 | 7542 | 8087 34 |
| ${ }_{\text {Br }}$ r. Sackvi | 205 | 2660 | 3423 4479 |
| Wind Ban | 204 | 4719 | 5999 |
| Oindsor Jet | 204 | 4700 | 5985 |
|  | 201 | 3694 | 5199 |
|  | 204 | 5581 | 6641 |
| Wa | 200 | 3380 | 4954 |
| Monerley | 179 | 6138 | 6749 |
| Dartmouth | 1948 | 2373 | 4137 19 |
| Eellington | 4890 | 571 |  |
| Cow Brn Passage | 195 | 8000 | 8331 |
| Cole | 205 | 3107 | 4811 |
| Pre | 205 | 4515 | 5859 |
| Mineville | 205 | 3402 | 5031 |
| W. L | 97 | 497 | 1552 |
| . Lawrencetow | 203 | 2329 | 4207 |
| Porter's Lencetown | 205 | 2256 | 4178 |
| Traham Lake | 203 | 2926 | 4652 |
| eaforth | 981 | 1058 | 1987 |
| W. Che | 204 | 4455 | 5803 |
| rand Desert | 346 185 | 6865 6403 | 9327 |


| Hd. Chezzetcook | 205 | 5382 |  |
| :---: | :---: | :---: | :---: |
| Hope Ridge | 396 | 8252 | 10970 |
| Lr. E Chezzetcook | 1751 | 3254 | 4561 |
| W. Petpeswick | 197 | 1941 | 3846 |
| Musquodoboit | . 409 | 7632 | 10667 |
| Bayers Sett. | 131 | 1049 | 2365 |
| E. Petpeswick | 78 | 1036 | 1721 |
| Stevens | 173 | 1077 | 2910 |
| Ostrea Lake | 199 | 3974 | 5384 |
| W. Jeddore | 204 | 5054 | 6218 |
| Head Jeddore | 203 | 6156 | 7056 |
| Woodside | 615 | 25249 | 26288 |

Poor Sections.

| Bayside | 173 | 2551 | 59 | 69 |
| :--- | :--- | :--- | :--- | :--- |
| Shad Bay | 204 | 2443 | 63 | 56 |
| Brookside |  |  |  |  |
| African | 178 | 3157 | 67 | 82 |
| Lucasville | 160 | 1912 | 50 | 63 |
| N. Beaver Bank | 153 | 1376 | 43 | 30 |
| Grand Lake | 149 | 1461 | 43 | 55 |
| Goffs | $192 \frac{1}{2}$ | 2920 | 67 | 78 |
| Devil's Island | 203 | 3143 | 72 | 18 |
| Lake Loon | 200 | 3529 | 77 | 95 |
| Partridge River | 107 | 1943 | 41 | 23 |
| Md. Porters Lake | 95 | 1175 | 30 | 49 |
| Pleasant Point | 192 | 1279 | 49 | 29 |
| Woodlawn | 201 | 4394 | 85 |  |
| Kempton | 192 | 1721 | 54 | 51 |

## halifax rural.

| Dutch Sett. | 203 | 4622 | 59 | 14 |
| :--- | :--- | :--- | ---: | :--- |
| Landells | 204 | 3224 | 48 | 87 |
| Cook's Brook | 200 | 3511 | 50 | 51 |
| Lake Egmont | 197 | 2804 | 4488 |  |
| Meaghers Grant | 205 | 5352 | 6482 |  |
| Sibley | 204 | 2841 | 46 | 02 |
| Elderbank | 394 | 4543 | 8185 |  |
| South | 202 | 4372 | 57 | 15 |
| North | 406 | 8023 | 10920 |  |
| Chaswood | 205 | 4224 | 5643 |  |
| Glenmore | 205 | 1940 | 3943 |  |
| Grookvale | 196 | 2916 | 45 | 59 |
| Higginsville | 200 | 2150 | 4039 |  |
| Sedgewick | 158 | 2966 | 4128 |  |
| Greenwood | 197 | 3074 | 4689 |  |
| Hutchinson | 188 | 4013 | 5279 |  |
| Henry | 195 | 4783 | 5936 |  |
| Dean | 199 | 2200 | 40 | 63 |
| Chaplin | 197 | 2085 | 39 | 52 |
| Caribou Mines | 150 | 2923 | 40 | 04 |
| Moose River | 68 | 1723 | 20 | 05 |

Poor Sections.
Atkins
$\begin{array}{lllll}\text { McKenzie } & 187 & 3281 & 70 & 80\end{array}$

| Lindsay Lake | 152 | 1093 | 39 |
| :--- | :--- | :--- | :--- |

## Border Sections.

| Elmsdale | 410 | 1214 | 15 | 79 |
| :--- | :--- | :--- | :--- | :--- |
| Milford | 384 | 1049 | 13 | 32 |

## HANTS EAST.

School for the Deaf
School for the Blind
$\begin{array}{ll}\text { Rawdon Church } 204 \\ \text { South Rawdon } & 198\end{array}$
$\begin{array}{lll}\text { Pleas. Valley } & 205 & 2294 \\ \text { West Gore } & 407 & 8913\end{array}$
$\begin{array}{lll}\text { East Gore } & 180 & 2607 \\ \text { Up. Rawdon } & 200 & 6036\end{array}$
$\begin{array}{ll}\text { Mt. Uniacke } & 186 \\ \text { Up. } 9 \text { Mile River } & 205\end{array}$
West Indian Rd. 205
East Indian Rd. 205
Lr. 9 Mile River 205
Balnan
Hardwoodland 192
$\begin{array}{lll}\text { Shubenacadie } & 409 & 1 \\ \text { Mill Village } & 198 \\ \text { North Salem } & 194\end{array}$
$\begin{array}{ll}\text { Nines Creek } & 203 \\ \text { Ribania } & 102 \\ \text { Urbill } & 408\end{array}$
$\begin{array}{ll}\text { Rockville } & 408 \\ \text { Maitland } & 410 \\ \text { E. Noel Road } & 205\end{array}$

| Selma | 410 |
| :--- | :--- |
| Lr. Selma | 205 |

$\begin{array}{ll}\text { Noel Shore } & 205 \\ \text { East Noel } & 198 \\ \text { West Noel } & 410\end{array}$

| West Noel | 410 |
| :--- | :--- |
| Burntcoat | 198 |
| Moosebrook | 178 |

$\begin{array}{ll}\text { Tenecape } & 181 \\ \text { So. Noel Road } & { }_{201} \\ & \end{array}$
$\begin{array}{lllll}\text { Kennetcook Ch. } & 203 & 7732 & 66 & 12 \\ \text { Northfield } & 203 & 4574 & 49 & 21\end{array}$

| Hd, Kennetcook | 183 | 3691 | 42 |
| :--- | :--- | :--- | :--- |

5 Mile River 199
$\begin{array}{llll}\text { Georgefield } & 188 & 1871 & 3293 \\ \text { Whale Creek } & 181 & 1854 & 3198 \\ & & & 34\end{array}$
Gore 186

## Poor Sections.

| Birch Brook | 199 | 3213 | 6211 |
| :--- | ---: | ---: | ---: |
| East Uniacke | 98 | 717 | 2266 |
| Renfrew | 180 | 732 | 3880 |
| New Dublin | 184 | 1833 | 48 |
| N. Noel Road | 204 | 5075 | 79 |
| N. | 53 |  |  |
| Milford | 205 | 5747 | 8361 |
| Greenfield | 169 | 1437 | 42 |
| E. Tenecape | 205 | 2653 | 60 |
| Grand Lake | 198 | 1752 | 50 |
| Gra |  |  |  |

HANTS WEST.

| School for the Blind |  |  | 18750 |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Windsor | 260 | 96987 | 8 |
| Wentworth | 203 | 6986 |  |
| 3 Mile Plains | 408 | 10257 | 113 |
| Martock | 205 | 5370 | 58 |
| Forks | 199 | 6707 |  |
| Fal. Village | 204 | 3598 |  |
| Fal. Centre | 406 | 9843 |  |
| Mt. Denson | 200 | 5493 | 58 243 |
| Hantsport | 817 | 23379 7470 | ${ }^{244} 98$ |
| Avondale | 408 | 7470 4072 | 9698 4988 |
| ${ }^{\text {Belmont }}$ | 202 | 4072 | 5958 |
| Poplar Grov | 201 | 66548 | 9051 |
| Kennet. Dyke | 205 | 1874 |  |
| Cent. Burlington | 410 | 6417 |  |
| Summerville | 407 | 10438 |  |
| Cheverie | 400 | 7673 | - 156 |
| Brookville | 615 | 13147 | 15664 |
| Cambridge | 201 | 4707 | 4433 |
| Pembroke | 199 | 3245 | 3474 |
| Cogmagum | 194 | 51792 | 5648 |
| Scotch Village | 183 | $\stackrel{5106}{ } 2882$ | 4013 |
| oodvi | 203 | 4526 |  |
| Newport Road | 204 | 5472 |  |
| St. Croix | 410 | 9965 |  |
| Ellershouse | 410 | 11483 |  |
| Riverside | 195 | 1696 |  |
| Union | 177 | 2922 |  |
| Fal. Valley | 203 | 4786 | 6274 |
| Sweet's Corner | 205 | 6099 | 62 |
| Poor Sections. |  |  |  |
| Vaughan's | 185 | 2092 | 5325 |
| So. Waterville | 181 | 2207 | ${ }_{32} 61$ |
| Greenhill | 125 | 1053 |  |
| Ardoise | 205 | 1463 |  |
| 5 Mile Plains | 205 | 5975 | 4588 |
| Mt. Summerville | 175 | 1497 | 4983 |
| Mills | 205 | 13380 | ${ }_{39} 39$ |
| W. Branch | 179 | 719 |  |
| Border Sections. |  |  |  |
| *Leminster | 97 | 824 | ${ }_{26}{ }^{36}$ |
| Newport Douglas | s 198 | 2238 |  |
| Walton | 410 | 1533 | 17.37 |
| *Hillsvale | 169 | 377 | ${ }_{8} 40$ |
| *Half Way River | . 205 | 564 |  |

## Border Sections.

| Newport Douglas | 198 | 1911 | 21 | 33 |
| :--- | :--- | :--- | :--- | :--- |
| Enfield | 193 | 3138 | 40 | 31 |
| Elmsdale | 410 | 7835 | 85 | 19 |
| Mt. Pleasant | 384 | 7524 | 81 | 34 |
| Walton | 410 | 8165 | 85 | 76 |
| *Hillsvale | 169 | 1608 | 37 | 92 |

## INVERNESS SOUTH.

|  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| Hawkesbury | 820 | 24977 | 297 | 26 |
| Hastings | 410 | 10732 | 134 | 74 |
| Troy | 186 | 1322 | 29 | 45 |
| Albion | 190 | 3817 | 49 | 60 |
| Lorne | 205 | 4082 | 57 | 25 |


| Judique |  | 5522 |  |  | Border Sections. |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Little Judique |  | 4365 |  |  |  |  |  |  |  |
| Dumbarton | 19 | 2836 |  |  | West Bay |  |  |  | 409 |
| Seaside | 19 | 7288 |  |  | West Bay |  | 625 |  |  |
| Port Hood | 119 | 28039 |  |  |  |  |  |  |  |
| Port Hood Isla | and | 1380 |  |  |  |  |  |  |  |
| Rear Judique | 17 | 2248 | 38 |  |  |  |  |  |  |
| West Mabou | 20 | 2921 | 48 |  |  |  |  |  |  |
| Baden | 20 | 3298 | 50 |  |  |  |  |  |  |
| Glencoe Statio | - 20 | 3978 |  |  | INVERN | NESS | NOR |  |  |
| Mabou | 60 | 8840 |  |  |  |  | Nor |  |  |
| N. E. Mabou | 20 | 3540 |  |  | School for the | Blind |  |  |  |
| Mabou Har. | 20 | 3487 | 52 |  | School for the D | Deaf |  |  |  |
| Mabou Mines | 19 | 2619 | 401 |  | Pleasant Bay | 194 | 49 |  |  |
| Alexander | 20 | 1208 | 346 |  | Little River | 205 | 614 |  |  |
| Hillsboro | 20 | 4595 | 61 |  | Muise | 205 | 754 |  |  |
| Brook Vill | 20 | 1741 | 388 |  | Prairic | 19 | 7348 | 81 |  |
| Rankin | 205 | 3207 | 503 |  | Cheticamp Cha | pel205 | 769 | 85 |  |
| Eden |  | 893 1851 | 318 |  | Eastern Harbor | 388 | 207 | 210 |  |
| Glencoe | 194 | 1893 | 34 |  | Eastern Harbor | (Con.) |  | 25 |  |
| S. W. Ridge | 00 | 1693 |  |  | Plateau | 205 | ${ }_{8}^{6728}$ | 78 |  |
| River Dennis | 53 | 556 |  |  | LeFort | 205 | 8000 | 88 |  |
| Centennial | 179 | 2765 | 436 |  | Rousseau-du-La | c 205 | 8000 | 88 |  |
| Queensville | 200 | 2863 | 469 |  | Grand Etang | 204 | 6155 | 73 |  |
| P. W. Arm | 198 | 2374 | 392 |  | Friar's Head | 205 | 8000 | 881 |  |
| Princeville | 205 | 3982 | 564 |  | White | 205 | 4481 | 603 |  |
| Glendale | 205 | 3273 | 508 |  | Belle Cote | 410 | 10012 | 1290 |  |
| Melford | 205 | 3285 | 509 |  | Jacob | 205 | 7663 | 855 |  |
| Macpherson | 205 | 2738 | 4662 |  | Ford | 205 | 5340 | 671 |  |
| Mill Brook | 205 | 3103 | 4950 |  | Margaree Forks | 410 | 10268 | 1310 |  |
| Caribou | 200 | 3139 3414 | 4980 |  | Rossville | 205 | 2775 | 469 |  |
| Portage | 202 | 3414 1661 | 5136 |  | Mill Brook | 196 | 2248 | 416 |  |
| Victoria | 204 | ${ }_{3306}^{1661}$ |  |  | Munro | 205 | 2035 | 410 |  |
| Orangedal | 204 | 3306 3578 | 5314 |  | Brookside Big Intervale | 146 | 1474 | 294 |  |
| Seal Cove | 174 | 896 | 2832 |  | Margaree Harbor | r 200 | 6370 | 747 |  |
| Valley Mills | 117 | 561 | 1920 |  | Chinney Corner | 199 | 2007 | 4018 |  |
| Church ${ }^{\text {a }}$ Bridge | e 201 | 5402 | 6717 |  | St. Rose | 205 | 2482 | 4459 |  |
|  | 150 | 1928 | 3355 |  | Broad Cove Mars | sh203 | 6996 | 8000 |  |
| ittie River Denn | nis203 | 1510 | 3670 |  | Brook | 194 | 3092 | 4807 |  |
| Marble Moun | 127 | 1130 | ${ }^{245} 50$ |  | Broad Cove Ch. | 205 | 4715 | 6223 |  |
| Ross Mills | in 589 | 14540 | 18666 |  | Big River | 204 | 4066 | 5699 |  |
| West May | 205 | 1740 | 3875 |  | Inverness | 2403 | 87886 | 98709 |  |
| -st Bay Road | 199 | 2778 | 4612 |  | Broad Cove Bank | ks 195 | 4709 | 6096 |  |
|  |  |  |  |  | Strathlorne | 198 | 3418 | 5115 |  |
|  |  |  |  |  | Glenville | 196 | 2345 | 4242 |  |
| Poor | Secti |  |  |  | North Ainslie | 183 | 1531 | 3442 |  |
| Creignish |  |  |  |  | Capt. Allans | 205 | 7391 | 8386 |  |
| raigmore | 190 | 2678 | 6912 |  | McFarlane | 198 | 4297 | 5808 |  |
| unmore |  | 2844 | 6130 |  | Scotsville | 205 | 5469 | 6818 |  |
| Oocky Ridge | 190 | 2844 | 7089 4897 |  | Hamilton | 187 | 4464 | 5805 |  |
| ittle Mabou | 180 | 1668 1052 | 4897 3982 |  | MacMillan Mills | 205 | 4025 | 5678 |  |
| S. W. Mabou | 182 | 1196 | 3982 4190 |  | Tulloch ${ }^{\text {Hay's River }}$ | 205 | 2905 | 4794 4106 |  |
| aple Ridge | 192 | 3469 | 7054 |  | Centreville | 1931 | 1801 | 4782 |  |
| is ${ }^{\text {a }}$ | 53 | 310 | 1337 |  | Skye Glen | 186 | 3867 | 5320 |  |
| Aaprook | 184 | 849 | 3867 |  | Roseburn | 201 | 2568 | 4478 |  |
| shfield | 205 | 1375 | 5369 |  | Stewartdale | 191 | 948 | 3078 |  |
| hoden | 172 | 2575 | 5274 |  | Whycocomagh | 205 | 5578 | 6904 |  |
| ake | 44 |  | 1100 |  | Aberdeen | 192 | 2213 | 4088 |  |
| kye Morton | 205 | 860 | 4767 |  | Widow Lords | 193 | 3278 | 4942 |  |
| ig. Har | 190 | 1286 | 4444 |  | Kenloch | 204 | 1761 | 3878 |  |
| ar. Island | 188 | 508 | 3485 |  | Verniere | 205 | 8000 | 8818 |  |





## Border Section.

$\begin{array}{llll}\text { * Aldersville } & 192 & 3505 & 6206\end{array}$

## PICTOU EAST.

| New Glasgow | 5037 | 178610 | 1894 | 53 |
| :--- | ---: | ---: | ---: | ---: |
| Alma | 202 | 2416 | 41 | 98 |
| Union Centre | 205 | 2804 | 45 | 11 |
| White Hill | 199 | 1462 | 34 | 77 |
| Marshdale | 198 | 793 | 29 | 85 |
| Glengarry | 205 | 2098 | 40 | 07 |
| Lorne | 205 | 4980 | 60 | 70 |
| Hopewell | 410 | 10896 | 128 | 10 |
| Riverton | 201 | 3027 | 46 | 22 |
| Fox Brook | 204 | 2382 | 41 | 97 |
| Hopewell | 190 | 1270 | 32 | 29 |
| Stellarton | 2618 | 115500 | 1147 | 18 |
| Priestville | 193 | 3025 | 45 | 22 |
| Springville | 205 | 1653 | 36 | 96 |
| Bridgeville | 203 | 3642 | 50 | 87 |
| Glencoe | 204 | 2636 | 43 | 78 |
| Sunny Brae | 204 | 8000 | 82 | 22 |
| Glenfall | 157 | 3966 | 47 | 58 |
| Blue Mountain | 204 | 3192 | 47 | 78 |
| Garden of Eden | 196 | 2303 | 40 | 43 |
| E.R. St. Marys | 200 | 1690 | 36 | 53 |
| Elgin | 205 | 2724 | 4455 |  |
| McPherson Mills | 199 | 3662 | 50 | 52 |
| Greenwood | 204 | 5790 | 66 | 39 |
| MacLellan'sBrook 203 | 4007 | 53 | 49 |  |
| Linacy | 204 | 3390 | 49 | 20 |
| Churchville | 204 | 4161 | 54 | 65 |
| Trenton | 1428 | 49932 | 532 | 06 |
| Albercrombie | 205 | 2562 | 43 | 38 |
| Kings Head | 204 | 2190 | 40 | 60 |
| Pine Tree | 200 | 2568 | 4282 |  |


| Marshville Louisville | 204 | 2380 | 4189 | Brooklyn |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Louisville | 190 | 2237 | 3982 | Beach Meadows | ${ }_{205}^{615}$ | 12934 | 15515 5834 |
| River John | 205 | 2218 14920 | 4090 18134 | Eagle Head | 188 | 3446 | 5834 4430 |
| Hodson | 199 | 1507 | 185 07 | Por | 196 | 2323 | 3830 |
| $\stackrel{\text { Bigney }}{ }$ | 202 | 2840 | 4500 | E. Port Medway | 405 | 9032 | 10540 |
| W. B | 202 | 1407 | 3473 | Mill Village | 615 | 19931 | 4785 19853 |
| Diamond | 200 | 3716 | 5103 3271 | White Point | 195 | 1429 | 1264 |
| Millsville | 195 | 1868 | 3271 <br> 37 <br> 17 | Summerville | 204 | 2795 | 4221 |
| Elmfield | 205 | 1868 771 | 37 30 | S. W. Port. Mt. | 202 | 5918 | 6138 |
| Plainfield | 205 | 3896 | 5292 |  |  |  |  |
| Meadowville | 173 | 1892 | 3466 | Poor | S | ons. |  |
| Scotsburn | 191 | 1485 | 3394 | St. Catherine Riv | 63 |  |  |
| Cross Rell | 188 | 2407 | 3994 | Port Mouton Is. | 173 | 582 | 1369 37 |
| Rogers Hill | 204 | 2622 | 4368 | Gull Island | 191 | 1577 | 4960 |
| Six Mile Broo | 198 | 1505 | 3841 34 | Dock Cove | 202 | 2346 | 5876 |
| ${ }^{\text {Brookland }}$ | 1203 | 1505 | 3494 3396 | E. Port L'Hebert | 171 | 2548 | 5499 |
| Salt Springs | 200 | ${ }_{3598}$ | 3396 5018 | Denmark | 192 | 2492 | 5829 |
| Ip. Mt. Thom | 115 | 1065 | 2168 |  |  |  |  |
| Waterv. Thom | 204 | 2403 | 4211 |  |  |  |  |
| W. River | 203 | 3095 | 4696 | QUEENS | N | TH. |  |
| New Ger | 185 | 1547 | 3366 |  |  |  |  |
| Lansdowne | 183 | 926 | 2896 | Pleasant River | 205 | 6668 | 6634 |
| Mill Brook | 192 | 2862 | 4515 | N. Brookfield | 494 | 7475 | 10659 |
| Loch Brown | 199 | 2062 | 3909 | Kempt | 204 | 4529 | 5297 |
| Pleasant Vall | ${ }_{2} 205$ | 635 1580 | 2936 | W. Caledonia | 199 | 2187 | 3783 |
| Lovat Valley | 205 92 | 1580 224 | 3632 1287 | Cen. Caledonia | 204 | 2775 | 4208 |
| Cireen Hill | 202 | 35 |  | Harmony | 205 | 2430 | 4007 |
| Lime Rock | 203 | 148 |  | Caledonia Cor. | 396 | 10216 | 11164 |
| West River | 204 | 2448 | 3540 424 | G. Brookfie | 203 | 6988 | 6809 |
| urham | 204 | 4594 | 5780 | Greenfield | 205 | 5777 | 6082 |
| Sotch Brook | 386 | 7638 | 10182 | Buckfield | 186 | 1901 | 3447 |
| Pictou Hill | 200 | 1680 | 3644 | Poor Sections. |  |  |  |
| Central Landing | 205 | 6252 | 6981 |  |  |  |  |
| ay View | 203 | 2617 | 4352 | Whiteburne 1 | 168 | 1093 | 4089 |
| Three Bro | 202 | 2327 | 4132 | Hibernia 2 | 205 | 1998 | 5609 |
| ictou Island | 196 | 1778 | 3666 | Middledale 1 | 186 | 1928 | 5195 |
| Waterside | 188 | 3868 | 5042 | La Belle 18 | 188 | 1850 | 5158 |
|  | 205 | 2133 | 4031 | Bang's Falls 2 | 205 | 2475 | 6053 |
|  |  |  |  | Molega 2 | 205 | 2256 | 5850 |


| Poplar Hill |  |  |  |
| :---: | :---: | :---: | :---: |
| Last Branch | 201 | 1875 | 6346 |
| Doganville | 205 | 18006 | 5 |
| Sylvester | 163 | 1212 | 59 38 51 |
| Sundridg | 198 | 1217 | 4496 |
| Caribouge | 205 | 2312 | 5407 |
| Island | 176 | 2222 | 4812 |

## Border Sections.

| *Albany New |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: |
| New Grafton | 184 | 103 | 303 | 3360 |
| 43 |  |  |  |  |

## QUEENS SOUTH.



| School for the Blind School for the Deaf |  | 12500 |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
| Acadiaville | 410 | 17068 | 14965 |
| Port Royal | 205 | 8000 | 71 |
| Janvrin's Islan | 205 | 2456 | 39 |
| Arichat | 820 | 19550 | 214 |
| Poulamond | 410 | 10150 | 10926 |
| Martinique | 154 | 1740 | 2894 |
| D'Escousse | 611 | 15259 | 16360 |
| Poirierville | 203 | 6674 | 6372 |
| Cape La Ronde | 205 | 4408 | 5073 |
| Rocky Bay | 205 | 1942 | 3633 |
| Pondville | 205 | 3598 | 4600 |


| Petit de Grat | 205 | 8000 | 7171 | Sable River | 197 | 5905 | 5526 3846 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P. de Grat S. | 391 | 11379 | 11412 | Louis Head | 200 | 2660 |  |
| Orange | 200 | 2309 | 3788 | Little Harbor | 200 | 4948 1782 | 3381 |
| Cape Auguet | 205 | 5777 | 5873 | Matthews Point | 5 |  | 4818 |
| Louisdale | 410 | 10490 | 13625 | Rockland | 197 | 43826 | 4267 |
| Whiteside | 204 | 2886 4714 | 4173 | Osborne | 205 | 3190 | 4188 |
| Walkerville | 205 | 4714 3750 |  | Lockeport | 1005 | 26323 | 26183 |
| Richmond Mines | 189 | 1443 | 3150 | West Head | 200 | 2576 | 38 |
| Port Richmond | 1 | 1443 3374 | 31 4410 | E. Green Harbor | 202 | 4391 | 47 |
| Port Malcolm | 205 | 1717 | 3505 | W. G. Harbor | 202 | 6682 | 59 |
| Sunnyside Point Tup | 205 409 | ${ }_{9454}^{1717}$ | 3505 10507 | East Jordan | 204 | 4794 | 50 |
| Point rup | 191 | 2528 | 3806 | Jordan Falls | 400 | 019 |  |
| St. Geo's. Chn. | 205 | 1538 | 3400 | Up. W. Jordan | 204 | 2214 |  |
| Lakeside | 203 | 3370 | 4443 | Jordan Ferry | 205 | 4151 |  |
| Macdougall | 615 | 15452 | 16520 | Jordan Bay | 201 | 5699 |  |
| River Bourgeois | 410 | 11208 | 1545 | Lr. Sand Point | 203 | 4805 |  |
| Cannes | 410 | 9760 | 10700 | Sand Point | 205 | 4805 | 374 |
| Salmon River | 205 | 2733 | 4096 | Shelburne | 1248 | + 42023 | 56 36 |
| Soldier's Cove | 205 | 2198 | 3785 | Lr. Ohio | 121 | 872 | 1936 |
| Hay Cove | 202 | 2688 | 4035 | Up. Ohio | 148 | 691 |  |
| Red Islands | 202 | 3170 |  | Up. Clyde | 148 | 3672 | 4388 |
| Peter's Mountain | 194 | 2310 978 |  | N. E. Harbor | 205 | 2588 |  |
| Loch Lomond | 167 163 | 978 1050 | 2600 | Nlack Point | 201 | 5321 |  |
| Fourche | 204 | 2880 | 4170 | Roseway | 205 | 3064 |  |
| Framboise | 172 | 4105 | 4495 | Gunning Cove | 205 | 1977 |  |
| Intervale | 201 | 2482 | 3905 | Churchover | 204 | 1978 | 4507 |
| I.'Archevique | 205 | 2962 | 4230 | Birchtown | 202 | 3485 |  |
| Grand River | 200 | 5546 |  | Poor | Sec |  |  |
| Grand Falls | 194 | $\stackrel{2897}{ }$ | 40 39 |  |  |  |  |
| Point Michean | 205 | 1811 | 3560 | Big Port L'Hebe | 92 | 484 |  |
| Brymer | 205 | 3967 | 4815 | Lti. Port L'Heb |  | 3077 | 61 |
| L'Ardoise | 410 | 10941 | 11388 | East Sable | 205 |  | 5220 |
| W. L'Ardoise | 410 | 10298 | 11013 | West Sable |  | 788 | 3597 |
| Rockdale | 205 | 484804 | 4887 5305 | McNutt's Id. | 176 | 1313 | 4262 |

## Poor Sections.

|  |  |  |  |  |  |  | 5950 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lochside | 205 | 2985 | 6365 | Clyde River | 409 | 4668 |  |
| Kempt Road | 186 | 2391 | 5500 |  |  |  |  |
| Grand Anse | 175 | 1468 | 2737 |  |  |  |  |
| Seaview | 202 | 1987 | 5435 | BARRINGTO |  |  |  |
| Dundee | 193 | 557 | 4045 | BARR | NG |  |  |
| The Points | 205 | 1747 | 5280 |  | 204 | 3748 | ${ }^{51} 80$ |
| Roberta | 205 | 2385 | 5835 | Port Cape Negro | 205 | 2778 | 4486 |
| Cape George | 186 | 1296 | 4535 | Cape Negro | 186 | 1091 | 3534 |
| Lynch's River | 203 | 1596 | 5112 | Up. Port La Tour | 204 | 5686 |  |
| Macnab N . | 205 | 2402 | 5855 | Port La Tour | 405 | 6987 | 10993 |
| L. Lochmond N. | 205 | 1493 | 5060 | Baccaro | 408 | 8445 | 154 |
| Lewis Cove Road | 200 | 1814 | 5250 | Hibbards B'k. | 205 | ${ }_{9706}$ | $117{ }^{117}$ |
| Border S |  |  |  | Barrington Pass. | 410 | 8568 | 6497 |
|  |  |  |  | Doctor's Cove | 194 | 5798 | 5406 |
| Cleveland | 205 | 2064 | 2272 | Bear Point | 185 | 8000 | 815 |
| Irish Cove | 197 | 1783 | 2130 | Shag Harbor | 808 | 24788 | 2754 |
| Melville | 182 | 642 | 2271 | Woods Harbor | 204 | 5564 | 5091 |
| West Bay | 196 | 544 | 742 | Forbes Point | 198 | 3755 | ${ }_{49} 34$ |
| SHELBURNE. |  |  |  | Charlesville | 197 | 3562 | 70 |
|  |  |  |  | Centreville | 205 |  | $130{ }^{130}$ |
| School for the D |  |  | $12500$ | Newellton |  | 35441 | 399 |


|  |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: |
| Hawk Point | 205 | 6818 | 73 | 58 |
| South Side | 172 | 6414 | 66 | 67 |
| Stoney Island | 402 | 10280 | 122 | 28 |

## Poor Sections.

| Hamilton | 199 | 1153 | 4871 |
| :--- | :--- | :--- | :--- |
| C. Negro I'd. | 200 | 2432 | 6260 |
| Villagedale | 198 | 1594 | 5325 |
| Oak Park | 193 | 2331 | 60 |


| Boulardarie East | 176 | 1563 | 56 | 45 |
| :--- | :--- | :--- | :--- | :--- |
| Boulardarie Ctr. | $202 \frac{1}{2}$ | 2495 | 70 | 99 |
| Munro | 199 | 1400 | 60 | 66 |
| Kempt Head | 200 | 4039 | 83 | 77 |
| Kempt Head (Con.) |  | 25 | 00 |  |
| Island Point | 192 | 1694 | 61 | 49 |
| Gairloch Mount. | 189 | 2354 | 66 | 48 |
| Poor Sections. |  |  |  |  |


| Narrows Village | 205 | 1367 | 92 | 76 |
| :--- | :--- | ---: | ---: | ---: |
| Up. Washabuck | 205 | 3593 | 121 | 68 |
| St. Columbia | 187 | 946 | 80 | 70 |
| Barra Glen | 203 | 3065 | 114 | 07 |
| New Harris | 181 | 1588 | 86 | 90 |
| Jubilee | 196 | 2466 | 103 | 73 |
| Cain's Mountain | 180 | 1239 | 81 | $\mathbf{9 5}$ |
| Big Harbor | $187 \frac{1}{2}$ | $\mathbf{1 1 4 9}$ | $\mathbf{8 3}$ | $\mathbf{5 1}$ |


| D | eaf. |  | 125 |
| :---: | :---: | :---: | :---: |
| Baddeck | 812 | 171.63 | 346 |
| Red Head | 199 | 3087 | 75 |
| Nyanza | 205 | 2980 | 75 |
| Baddeck Bridge | 202 | 3034 | 7554 |
| addeck Forks | 205 | 2575 | 7229 |
| Baddeck Centre | 193䂞 | 1777 | 6258 |
| Wunters Mt. | 172 | 1490 | 54 |
| Ch. Md. Rive | 201 | 2476 | 70 |
| M | 202 | 3023 | 7544 |
| Up. | 122 | 486 | 3396 |
| St. Pat. | 205 | 1095 | 93 48 |
| Bucklaw | 205 | 1189 | 60 28 |
| Little Nar | 204 | 1638 | 6393 |
| Grant | 177 | 1255 | 5403 |
| r. Washabuc | 205 | 4758 | 9120 |
| illis Point | 205 | 4560 | 8949 |
|  | 205 | 6807 | 10895 |
| non's | 205 | 5972 | 10170 |
|  | 204 | 2695 | 7308 |
| Paddeck | 205 | 1563 | 6353 |
| ${ }_{\text {Big lin }} \mathrm{M}$ | 205 | 1391 | 6205 |
| So | 178 | 1965 | 6042 |
| gli | 194 | 3103 | 7418 |
| Eel Cove | 205 | 4641 | 9018 |
| Indian Cov | 187 | 2430 | 6665 |
| ${ }_{\text {Plaster }}$ | 191 | 2633 | 6937 |
| French | 177 | 1655 | 5749 |
| Wreck | 121 | 3087 | 5624 |
| North | 104 | 2716 | 4888 |
| South | 205 | 8000 | 6819 119 |
| Clyburn Broo | 192 | 6245 | 10091 |
| E. ${ }^{\text {cst Ingonish }}$ | 204 | 4615 | 8971 |
| Neil's Ingonish (1915) | 20 | 752 | 1603 |
| Dingwall | 2973 | 7023 | 13336 |
| Sugar L | 199 | 4457 | 8713 |
| Bay St. Law | 204 | 5175 | 9455 |
| Tarbot Lawrence | 205 | 4897 | 9241 |
| North R | 18 | 3094 | 7118 95 |
| Goose Cov | 198 | 6300 4700 | 9590 89 |
| North Gut | 191 | 1532 | 5984 |
| Bige Dauphin | 205 | 3100 | 7684 |
| - Bras d'Or | 205 | 2658 | 7301 |


(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 specfied 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 semiartificial, 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.
July These schedules should be sent in to the Inspector with the school returns in to y and February, containing the observations made during the Spring (January Jane) and the Fall (June to December) respectively.
The new register has a page for a duplicate of such records.
blanks atember to fill in carefully and distinctly the date, locality, and other localisy or the head of the schedule on the next page; for if either the date or the is worth or the name of the responsible compiler should be omitted the whole paper ological woss and cannot be bound up for preservation in the volume of The Phen-- ogical Observations.

[^3]
## PHENOLOGICAL OBSERVATIONS, CANADA. (1916 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 .........mills. 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 intervales?. .......and if so name the main river or stream $\qquad$
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. | $\begin{aligned} & \text { 荡 } \\ & \text { 號 } \\ & \text { ㅁ̈ㅇ } \\ & 0 \end{aligned}$ |  |
| :---: | :---: | :---: |
| Nova Scotia Phenochrons. | 1915 | 1915 |
| (Wild Plants, etc.-Nomenclature as in "Spotton" or "'Gray's Manual.") |  |  |
| 1. Alder (Alnus incana), catkin shedding pollen | 105 | 111 |
| 1. Aspen (Populus tremuloides), shedding pollen........ | 123 | 129 |
| 3. Mayflower (Epigaea repens), flowering................ | 104 | 118 |
| 4. Field Horsetail (Equisetum arvense), shedding spores.. | 119 | 126 |
| 5. Blood-root (Sanguinaria Canadensis) flowering. . . . . . . | 138 | 134 |
| 6. White Violet (Viola blanda), flowering............... | 128 | 187 |
| 7. Blue Violet (Viola palmata, cucullata), flowering..... | 132 136 | ${ }_{1} 142$ |
| 8. Hepatica (H. triloba, etc.), flowering............... | 136 132 | 138 |
| 9. Red Maple (Acer rubrum), fower shed | 130 | 137 175 |
| 11. | 167 | 139 |
| 12. Dandelion (Taraxacum officinale), flowering......... | 132 | 154 |
| 13. Adder's Tongue Lily (Erythronium Am.), fowering . . | 143 138 | 143 |
| 14. Gold Thread (Coptis trifolia), flowering. . . . . . . | 138 134 | 141 |
| 15. Spring Beauty (Claytonia Caroliniana), flowering | 134 | 149 |
| 16. Ground Ivy (Nepeta Glechoma), flowering ... | 145 | 150 |
| 17. Indian Pear (Amelanchier Canadensis), flowering..... <br> 18. "، " fruit ripe. . . . | 145 | 183 155 |
| 19. Wild Red Cherry (Prunus Pennsylvanica), flowering... | 150 | 237 |
| 20. " " ${ }^{\text {20 }}$ " fruit ripe. | 148 | 154 |
| 21. Blueberry (Vaccinium Can. and Penn.), flowering. | 148 217 | 225 162 |
| 23. Tall Buttercup (Ranunculus acris), flowering ... | 156 | 166 |
| 24. Creeping Buttercup (R. repens), flowering. | 160 | 163 |
| 25. Painted Trillium ( T . erythrocarpum), flowering | 141 | 160 |
| 26. Rhodora (Rhododendron Rhordora), flo | 154 | 161 |

## PHENOLOGICAL OBSERVATIONS:-(Continued).



## (Cultivated Plants, etc.)

| $63 .$ | Red Currant (Ribes rubrum), | 153 | 157 |
| :---: | :---: | :---: | :---: |
| 64. | " ${ }^{\text {c }}$ " fruit ripe. | 195 | 207 |
| 56. | Black Currant (Ribes nigrum), flowering | 152 | 160 |
| 57. | " ${ }^{\text {c }}$ " fruit ripe | 203 | 212 |
| 58. | Cherry (Prunus Cerasus), flowering. | 154 | 169 |
| 59. | Plum (Prunus domestica), flowering | 155 | 15 |
| 61. | Apple (Pryus Malus), flowering | 156 | 16 |
| 61. | Lilac (Syringa vulgaris), flowering | 164 | 167 |
| 62. | White Clover (Trifolium repens), flowering | 163 | 167 |
| 68. | Red Clover (Trifolium pratense), flowering | 161 | 169 |
|  | Timothy (Phleum pratense), flowering. | 169 | 173 |
|  | Potato (Solanum tuberosum) flowering | 182 | 194 |

## (Farming Operations, oto.)

| 66. | Plowing | 114 | 128 |
| :---: | :---: | :---: | :---: |
|  | Sowing beg | 189 | 139 |
|  | Planting of Pot | 129 | 189 |

PHENOLOGICAL OBSERVATIONS-(Continued).


March, 1; April, 6; May, 10; June, 25; July. 4; August, 4; September, 9; October, 5: November, 6: December, 1.

Day of year corresponding to the last of each month.


## Other Observations or Remarks.

101. Senecio Jacobaea (St. James Ragwort); Is it found within the school sections; If so, to what extent? etc.
102. The Brown Tail Moth? etc.

## Phenological Schedules.

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 scinool 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.

[^4]
the ten phenological regions of nova scotia.

## PHENOLOGICAL OBSERVATIONS.

## List of Schools sending in Schedules of Local Observations for the Half Year ended December, 1915.

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:-


| REGION I. |
| :--- |
| Yarmouth and Digby Counties. |
| (a). Coast. |

## (b) Low Inland.

Cora M. Munro ... $\left.{ }^{\text {Plympton.... }}\right|_{101} ^{86}$
Anna E. Comeau. Sissiboo Falls. . 101
Maria E. Thimot . $\begin{gathered}\text { Weymouth } \\ \text { Mills....... } 107\end{gathered}$
Florence Porter . . . Deerfield. .... . . 63
Maisie Nickerson. Somerville .... 75
Marian Jeffrey.... Bloomfield .... 77
Agnes Moses and|
Beryle Wetmore.|Brooklyn . . . . . 100

## (c) High Inland.

Irma B. Campbell. |Bay View. . . . . 69
Ivy I. Tosh....... North Range... 111 Dorothy Hatfield. . C. Kemptville. 150

## REGION II.

Shelburne, Queens and Lunenburg Counties.
(a) Coast.

|  | Upp. Port La Tour. | 111 |
| :---: | :---: | :---: |
|  | Sandy | 76 |
| Mysie M.Gardiner. | Cape Ne | 79 |
| Emma M. Harlow | Port Cly | 81 |
| Frances Nickerson. | Matthews | 58 |
| Ida V. Hagan | E. Jordan | 55 |
| Ethel E. Harris | Lr. Ohio | 96 |
| Doris G. Nickerson | Villageda | 52 |
| L. Isora Nickers | Pprt La | 18 |
| Hazel H. Smith | Baccaro | 219 |
| Ida M. Tho |  | 119 |
| Bessie V. Jon | Church O | 94 |


|  | E. Sable River. | 1 |
| :---: | :---: | :---: |
| Greta H. Shripe | Lt. Port Hebert | 1 |
| Blanche Jones. | McNutt's Isl. | 2 |
| Edna A. Hagan | N. E. Harl | 1 |
| Mary W. Pike. | Hubbard's Bk. | 2 |
| Minnie B. Smit | Stoney Island. | 2 |
| Wenona Abbott | Forbes Point | 142 |
| R. H. Wetmore | Milton | 186 |
| Jessie B. Brook | East | 128 |
| Frances hard |  | 121 |
| Irma M. Lloy | Summerville Centre.. | 121 |
| Nettie T. Freeman | Central Port Mouton. | 6 |
| Opal H. Huskin | Port Joli | 98 |
| Nellie L. Parker | Port Medway | 93 |
| Helen L. Zwicker | Martin's Riv | 9 |
| Isabel C. Hirtle. | Up. Kingsb |  |
| Laura P. Richards | East Dubli | ${ }_{9}$ |
| Cora Baker | Bush's Islan | 69 |
| Helen Spindler | Lr. Rose Ba | 113 |
| Grace V. Conrad | Fox Point | 113 81 |
| Glengyle Deal | Lr. Kingsburg | 81 |
| Ruby A. Kaulback. | First South.. | 40 |
| Jennie B. Eldridge. <br> Oressa B. Ernst | N. Gold River Mader's Cove | 4 |
| Daisy L. Himmelman. | Cross Is | 89 |
| Jennie W.Hayward | W. Dublin |  |
| Pearl L. Kedy | Mahone Bay | 91 |
| Alice Veinotte | Mahone Bay | 91 |
| Tessie M. Da | Mahone | 92 |

(b) Low Inland.

Deborah I. Smith .|Hamilton .....|141
(c) High Inland.


| Lettie P. Crouse |  | , |
| :---: | :---: | :---: |
| Laura M. Wessell | Up. Che | 102 |
| Gladys B. Durland | Riversdale | 33 |
| Bernice L. Deal | Maplewood | 136 |
| Hattie E. Acker | Charing Cross | 76 |
| Gladys G.Crooks | Lr. Northfield | 128 |
| Ella M. Hiltz. . | New Cumber land. | 97 |
| E. A. Fancey | Conquerall Mills. |  |
| Mary E. Hirtle | Summerside | 56 |
| Flora M. Ernst | Big Lots. | 98 |
| Amyrilla Ernst. | Md. Cornwall. | 94 |
| Mary J. DeMond | Up. Branch | 92 |
| Gladys I. Hirtle | Pine Grove | 85 |
| Bertha Hirtle | Conquerall |  |
|  | Bank | 84 |
| Gladys S. Zwic | Camperd | 129 |
| Edna R. Zink. | Sweetland. | 132 |
| Gordon H. Sarty | Maitland. | 168 |
| Ruey M. DeLong | Rhynos. | 195 |
| Rhoda E. Sperry | Crousetow | 123 |
| Mildred L.Corkum | Blockhous | 67 |
| Katie J. Whynot | Clearland. | 125 |
| Florence L. Awalt | North Riv | 52 |
| Mabel M. Sarty | Up. Woodstock | 121 |
| Edith B. Langille | Up. Northfield | 87 |
| Luella M. Whynot | Scarsdale. | 42 |

## REGION III.

## Annapolis and Kings Counties.

(a) Coast.

Blanche E. Brooks Port Lorne. . . . 107

| Vera M. Poole... . |
| :---: | :---: | \left\lvert\, \(\begin{aligned} \& Port Lorne.... <br>

\& Victoria Beach\end{aligned} \mathbf{5 2}\right.\)
(b) North MI.

| Mildred M. Beagle. | Forest Glade | 6 |
| :---: | :---: | :---: |
| ${ }^{\text {flora M. Woolard }}$ | Garland | 64 |
| Mavinia Webster | Long Point | 43 |
| Alabel K. Morton | Woodlawn. | 100 |
| ${ }_{\text {Cecel }}$ E. Alger | E. Black Rock | 95 |
| celia M.Layton. | Arlington . . . . | 47 |

(c) Annapolis Valley.


Annie M. Longley |W. Paradise. . . 58
Marguerite Young Lawrencetown 83

Alberta McCulhm Port Wade. . . . 101
Sadie P. OickJe. . . . Up. Clement . . 83
Essie Parker. . . . . . Berwick .... 92
Estella Grant . . . . . Waterville ..... 161
Dora M. Baker. . . . $\mid$ S. Berwick . . . . 111
(d) Cornwallis Valley.
Katherine Dawson. Grand Pre . . . .| 60
Elsie L. Staples. . . . Lakeville. ..... 60
Mabel Westcott .|Lakeville . . . .| 60
(e) South Mountains.

| Effie M. Po | Clementsvale.. | 64 |
| :---: | :---: | :---: |
| Julia M. Martin | Dalhousie Rd. | 55 |
| Rena B. Crossland | Lake View | 159 |
| Isabelle M. Wam-1 |  |  |
| boldt | New Ross Rd. . | 85 |
| H. B. Balcom | Morristown | 60 |
| Marguerite Smitis | E. Inglisville | 59 |
| Dorothy M.Rouche | East Torbrook | 18 |
| Florence L.Ruggles | Bear River E. | 78 |
| Olivia Sanders... | W. Springhill. | 76 |
| Mary E. Simpson | Victory. | 53 |
| Hattie Cooke.... | Virginia East | 34 |

Effie M. Potter . . . $\mid$ Clementsvale.. $\mid 64$
Julia M. Martin. . Dalhousie Rd. 55
Rena B. Crossland Lake View .... 159
Isabelle M. Wam-
boldt
New Ross Rd.
85
H. B. Balcom..... Morristown... 60

Marguerite Smit's E. Inglisville . . 59 Florence L. Ruggles|Bear River E. . 78
Olivia Sanders. . . W. Springhill. . 76

| Mary E. Simpson. | Victory........ |
| :---: | :---: |
| Hattie Cooke.... | 53 |
| Virginia East. | 34 |

$\qquad$

## REGION IV.

## Hants and Colchester.

(a) Coast.

| Gertrude M. Chase | Maitland |  |
| :---: | :---: | :---: |
| J. Marie Ramey | Walton. | 119 |
| Margaret Wickwire | Brookly | 3 |
| E. Cath. Chisholm. | Selma | 67 |
| Florence Holland. | Brookville | 53 |
| Elsie L. Fulton | Falmouth Ce | 81 |
| E. W. Foote | West Noel | 8 |
| Eva N. McKay | Princeport | 56 |
| Mary E. Calder | Five Islands | 121 |
| Isabel MacKinnon | Tarbet | 139 |
| Edna C. Morse. | Up. Econom |  |

(b) Low Inland.

Minnie L. Banks . . 3 Mile Plains. . |101
Una H. Mosher . . .|Rhynes Creek .| 68
Nellie H. Burgess. Falmouth Cen.

Alice T. Graham Blanch E. DouglasDaisy R. Fraser... | Hantsport . . . . | 59 |
| :--- | :--- |
| St. Croix. . . . | 116 |

Hazel G. McKay.. | St. Crownale .... |
| :--- |
| Genevieve Selig... |

Laura M Creelman Otter Brook. ..... 67
Margaret P. Camp- ..... bell
Irene Fullerton. . . . Gt. Village..... 108
Mary D. Logan... Green's Creek 140
Susie L. Bradley. . Lulu B. Treen.... 

Jennie A. Hines . | Fort Ellis . ..... | 48 |
| :--- | :--- |
| Old Barns. .... | 29 |
| Stewiacke. . . . | 98 |

Alberta Good win.Florence N. John-ston
M. Alfreda Miller.
Janie I. Strople...
Ada E. Smith
(c) High Inland.
Lavola C. Cox..... Leminster ..... 108

| Edith T. Hennigar | $\begin{array}{l}\text { Northfield.... } \\ \text { Ellen Wallace.... } \\ \text { Estelle J.McKenzie }\end{array}$ |
| :--- | :--- | :--- |
| Up. Rawdon | 123 |
| West Gore. ... | 112 |

Kathryn E. Spencer Lornevale ..... 47

| Carrie M. Whitman | $\begin{array}{l}\text { Harmony } \\ \text { Stella M. Logan... }\end{array}$ |
| :--- | :--- |
| Newton Mills |  | ..... 102 son. E. Earltown ..... 97

Seldon C.Bryson . . Tondamagouche.
Mary J. Hayman . ..... 80
L ..... 38
E. M. McKay ....
Ena M. MacAluse. W. Earltown ..... 107
Beatrice C. McRae Nuttby ..... 88
Deborah B. Cail...
Anne McKay ....
Conk ..... 158
Janet M. Fullerton Margaret A.Forbes Elsie M. MacNutt.
Jean M. Dunlap. . . Smithfield. ..... 57
Jessie M.Creighton
Hardwood Hill ..... 75
Grace A. Murray .
Myrna L.Broderick Castlereigh.... 40
Amelia J. Cox. . . . Up. Stewlacke. ..... 133
Hattie Weatherby ..... Keble ..... 104

## REGION V.

## Halifax and Guysboro Counties. <br> (a) Coast.

A. Edwina Hyson. |Hubbards ..... 106
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## £utal Sxience 趋ulletin.

No. 7.
Editor L. A. DeWOLFE, M. Sc., Normal College, Truro, Nova Scotia.

## REQUESTS AND ANNOUNCEMENTS.

Teachers will soon decide whether they will keep their present schools another year or not. As soon as any decide to change, we should like to hear what the chances are for recommending a rural science teacher to fill the vacancy.

Won't all teachers report the number of children's home gardens? Several reported the prospective number early in the year. Some have not yet done so. A revised report from everyone at the end of the term will be appreciated.

We are anxious to secure photographs of home gardens. The most effective ones would show the young gardeners at work planting, and again, in the fall, gathering the produce.

Have you received the 1916 War Book, "Production and Thrift?" It is free. Write to Publications Branch, Department of Agriculture, Ottawa.

Don't forget the local, county and provincial exhibitions. There is a chance for every school to take part.

Nearly one hundred and fifty teachers got seed-potatoes and grain from the Experimental Farm at Nappan this spring. It is the duty of each teacher to give this material to children Who will give it a fair trial and report their results to Prof. Baird, Nappan, next fall. Last year, the reports were too often neglected. If planted on the school grounds, the teacher will probably make the report.

Children are usually anxious to make money. Why not grow ornamental shrubs and perennial flowers for sale. Celery and tomato plants are also in demand every spring.

Exchanging letters with children in other countries is a Well established practise. In addition why not exchange wild $f_{0}$ ers and other natural history specimens?

Why not have the school boys make bird-houses after the Datterns on page 472, Agricultural Gazette, May 1916?
$S_{\text {cien }}$ After this year, it is probable that the payment of Rural Science grants will be delayed until autumn. That will give $^{\text {us }}$. us a chance to know the results of exhibitions, phenological
observations, and other activities expected of teachers earning
the extra the extra grant.

The next Bulletin will be issued early in September. Teachers should promptly notify us of their address for the coming year.

## EXTRACTS FROM ARBOR DAY REPORTS.

"A number of men gathered at the school early this morning with shovels and teams. They planted 39 maple trees and a quantity of shrubs. The children helped. Later, we went to the woods for flowers."
"Our annual Arbor Day is having its effect on the homes. I notice an improvement each year."
"We planted willow trees and made a flower garden. The girls washed the school house windows, and the boys washed the floor. After our work was done, we went on a botany trip."
"We planted fifteen trees. Then we built a seat under two large trees in the school yard. We also had our garden plowed." garden in shape, and planted sweet peas and nasturtiums; got the rest of our

Miss Douglas, of Martock, Hants County, so successfully enlisted the services of the general public that we quote more fully from her letter.
"I joined the Women's Institute a month or so ago and at our last meeting I asked the women to influence their husbands and brothers to come to the school house Arbor Day. I told them that a large part of the ground needed to be broken up as it was still in its native rocky state and that our garden had to be made ready for planting. I also suggested that they come and bring baskets and we would have a picnic.

Friday morning the men and women came. The women got the dinner, while the men started in plowing and breaking up the land. We had two pairs or horses and two pairs of oxen, the children and 1 planted trees and made a bordor garden of Narcissus, Tiger Lilies, Sweet William, etc., which the children onds ated. They also brought slips of plants to grow inside. We rakerally. up everywhere and made quite an improvement generally. After dinner we raised white and blue

After dinner we raised our new flag pole. It is painted, rent when our Union and on the top is a brass knob. There was Jack (which had been bought with our Exhibition money) was unfurled on breeze.

## IMPORTANT NOTICE TO SCHOOL TEACHERS.

The Scotsburn Creamery Co. is offering cash prizes for the largest average production of butter fat per cow owned by

Among the special prizes is one offered by H. R. Brown, patrons. Recorder of the Scotsburn, D. R. C., ten dollars worth of books to the school library of the section whose ratepayers send the most complete records. Such records are easily kept and often interest the boys and girls. Could you base some of your arithmetic questions on cows' production? Will you take an hour occasionally for a talk on dairying? Questions on milk and its products open many wide avenues.

## Your kind assistance is solicited.

Dairy Division, Ottawa, April, 1916.

## EXTRACTS FROM TEACHERS' LETTERS

I notice suggestions given in the "Rural Science Bulletin," for various things. I wonder if any one ever thought of raising money in school by means of a candy or doll's clothes sale.

We were called on so often for money for patriotic purposes, that we decided to raise one good sum by means of a sale.

Each child brought any cotton, cloth, lace ends, etc., that were available and also any candy that they could and we arranged for a sale.

The girls in their sewing class hour made dainty creations of all sorts for dolls, and also worked at home.

The boys had a share in it by making hat stands, signs and helping decorate.

## HELEN DENTEN.

I received a letter from Miss Miller, teacher in Kennard School, Texas. She said she and the children were specially interested to hear about the fishing as it must be so nice to live near the great ocean. We are going to ask her school to send us cotton specimens representing the industry. It was described in one of the cheldren's lelters.

MARY A. HAMILTON.

During March the pupils had a sale of home made candy, and raised twelve dollars towards buying the first new books for the library. Since then the classes taught by Miss Boutilier and Miss Keeler raised in the same way nearly nine dollars, and for the same purpose. On March 24th, we had a gramophone concert to aid our library fund. This was by all of the nine departments at Hawthorne. The teachers arranged with the agent representing Edison's latest invention, "The Diamond Disc" and the pupils sold the tickets. All the proceeds, forty dollars, go towards our library.

## MARGARET MacKENZIE.

We are exchanging letters with other R. S. Schools, and I believe this is a good idea. One school may thus obtain help and encouragement from the other along R. S. lines. Occasionally we exchange minerals also.

With the help of the "Women's Institute," we have started a sewing class in school. Two members of the Institute come each Thursday afternoon for one hour and teach the larger pupils, and two others take the smaller ones on Friday afternoon. The children enjoy the sewing periods and are doing good work. I am arranging for lessons on "Manual training" or something of that nature. for the boys.

F. M. ZWICKER.

## WHAT THE COUNTRY SCHOOL CAN DO.

But one day you took your boy, grown older then, from the world he was beginning to understand, and placed him in a room where many other children sat with books before them. As he sat inside he saw the trees wave and heard the birds call. The old world he had known seemed a great way off, only books Were inside. That was what your little boy thought.

He was at school. He had taken the second step in life. They had told him something about education. But more than education, as it is understood, would be secured in that school, for he was an individual, a possibility. His manner of thought, his viewpoint of life, his character-the man himself-would be influenced largely by his experience. Because of that the children to come after him would be influenced as well. That school might assist him to become a keen thinker, an efficient producer, a good citizen, or it might leave him with a headful of theoretical knowledge, but uneducated for his life work upon the farm.

Your boy is just one of the thousands of little sons who have been started to echool these many years past-little chaps who go from the old farm-house down dusty roads, away from the old world of home to a strange new world. The school is just one of the thousands which has not awakened yet to the problem of the farm child.

But for that matter it has been an urban as well as a rural problem. When youry boy was taken to school he was confirmed, perhaps for the first time ${ }^{\prime \prime} n_{*}^{*}$ his
life. Each sense of his nervous little body called for action; but the fires of his energy were banked. His restless little hands longed to be busy; but they were given no freedom. The world out of doors was his world, plants and birds were his companions; the operations of seeding and harvesting, of buying and sellingthe work in his world-awakened his admiration and fired his ambition; but of practical little of these things. In short, he was same time was told calmly to prepare himself for the world.-Canadian Countryman.

## THE SCHOOL GARDEN ASSOCIATION OF AMERICA.

In special Convention assembled in the City of Detroit, Dec. 23rd, 1915.
"Whereas, the experiments in School and Home Gardening in the United States and Canada during the past fifteen years have proved beyond a doubt the fundamental value of bringing children more directly into touch with mother earth.
"Whereas, particularly the school garden supported directly by the boards of education, as in the cities of Birmingham, Kansas City, Los Angeles, Portland, Ore., St. Paul, Cleveland, Dayton, Cincinnati, Detroit, Grand Rapids, Philadelphia and Providence, have shown the undoubted importance of school gardens when more directly supported.
"Therefore, be it resolved that every Board of Education in America be urged to start at least one school garden in connexion with home gardening in a public school, which experiment shall be properly supported and maintained thruout the entire year, including the summer vacation."

Offered by Mr. B. S. Warren, member of the Board of Education at Grosse Point, Michigan.

This resolution was duly seconded, and unanimously approved by the Convention.

## [Show this Resolution to your Board of Education.]

The Bureau of Education, Washington, in a circular letter gives the following summary of the advantages of Home Gardens:

Conclusions: Home gardens under school supervision are worth while for many reasons, of which the following may be enumerated:

1. They contribute to the income of the home and enable boys and girls to remain longer in school.
2. They utilize for productive purposes unused land and labor, and thus contribute to the wealth of the community, the State and the Nation.
3. They provide experience for boys and girls in an occupation that may be the means of a livelihood.
4. They provide an exercise that vitalizes school work.
5. They provide an opportunity for a business experience.
6. They stimulate industry by providing school pupils with wholesome employment and incidently save them from the evils attending idleness.
7. They make it possible for the parents and neighbors to obtain fresh vegetables and fruit, an advantage not usually appreciated.
8. They necessitate the clearing up of back yards and vacant lots, thus contributing to the hygienic and aesthetic conditions and enhancing land values.

## £utal Science 趋ulletin.

Editor: L. A. DeWOLFE, M. Sc., Normal College, Truro, Nova Scotia.

## SCHOOL EXHIBITIONS.

By the time this issue of the Bulletin reaches the teachers they will be busily preparing for the various exhibitions.

Very early in the term comes the Provincial Exhibition at Halifax. A creditable number of schools will exhibit there. All schools meet on equal footing. For example, one prize list is offered for products of Domestic Science and Mechanic Science departments of town schools. A separate list is offered for similar products from the children of schools having no special department in these subjects. In the latter case, of course, the children must do the work at home. It is evident, therefore, that the rural school children suffer no handicap on account of lack of special equipment.

No entries need be made. Simply address the exhibits to the Educational Division, Provincial Exhibition, Halifax.

Teachers are urged to send exhibits to their own County Exhibition as well as to Halifax. Besides, the local exhibition in your own school building is, in some respects, the most important of all.

Following is a list of dates for the various County and District Exhibitions for 1916.

| Inverness | Eastern Ciscuit. <br> Sept. 5 |
| :---: | :---: |
| Antigonish. | ¢ $19 \& 20$. |
| Musquodoboit | $21 \& 22$. |
| Stewiacke. | " 25, 26 \& 27. |
| Guysboro. | Oct. 12 \& 13 |
| Sydney. |  |
| Arichat. | " 10 \& 11. |
|  | Wostern Circuit. |
| Bridgewat |  |
| Caledounia. |  |
| Little Brook. | $10 \& 11$. |
| Shelburne | " 12 \& 13. |
| Bear River | ، 12. |

Pupils and teachers of ten have only vague notions of how to prepare exhibits. To help such persons, Mr. James Allan, Horticultural Superintendent at the Agricultural College, Truro, has prepared the following valuable hints. He first gives his "ten commandments" about exhibits. Accompany-
ing this, he gives the points to keep in mind when selecting vegetables and flowers for exhibition:

## The Exhibitors Ten Commandments to be Remembered when Exhibiting.

1. Always stage early, carefully and correctly (never in wrong class), fresh clean produce only, to be quite ready at the time for judging.
2. State exactly the specified number of specimens or dishes, as one more or less may disqualify an exhibit.
3. Very large specimens, if coarse and unsightly, are less meritorious than others which are smaller, yet large enough for use, neat, clean, and attractive.
4. Judges at shows always search for faults, as well as for merits, and specimens with the fewest faults win the highest prizes. This applies to Flowers and Fruits as well as to vegetables.
5. Celery and roots for the show table are often injured by scrubbing with a hand brush, instead of washing with a soft one or a cloth.
6. Exhibitors who fail to win prizes should search calmly and patiently for the cause of their failure. The losers of today, who profit by experience and persevere, may be the winners of the future.
7. If it is thought a mistake has been made or something overlooked by the judges, a timely and courteous appeal, preferably in writing to the Secretary, will be attended to.
8. Experienced and unprejudiced judges have only one desire, namely, to do justice; and any well-grounded complaint merits investigation.
9. There is more honor in exhibiting well in a strongly contested class and losing, than in winning a prize with weak products in a class in which there is little or no competition.
10. Do not interfere with the judges while they are executing their work. They have very close competition to judge sometimes, and the least interruption may make them give a wrong decision.

Peas and Broad Beans.-Pods of good size, green, fresh and well filled.

String Beans.-Pods of fair size, fresh, fleshy and brittle.
Cabbage. - Hearts of good size (according to variety), firm, fresh and tender looking, and the few surrounding leaves perfect.

Cauliflowers.-Heads of medium size, close, speckless, white and clean.

Lettuce.-Heads firm, fresh, crisp and tender leaves, with no flower stems.

Celery.-Stalks firm, crisp, speckless, clean, well blanched, no flower stems visible when cut.

Cucumbers.-Fruits young, straight, firm, fresh, tender, green, even in size.

Tomatoes. Ripe.-Fruits of good and even size, bright and glossy. Not too ripe.

Radishes.-Roots young, crisp, clear, no stem, leaves close to roots.

Potatoes.-Well shaped, typical of variety, even sized, without disease, shallow eyed, clean.

Roots.-(Beets, Carrots, Parsnips, Turnips). Smooth, straight, clean, well colored, even sized specimens.

Onions.-Bulbs of good even size, firm and clean, with thin necks.

Leeks.-Stems thick, uniform, firm, well-blanched, spotless.
Herbs.-Bunches fresh and green with good clean leaves.
Flowers, Bouquets.-Flowers must not be faded, but free from blemishes. Do not pack them closely together in a bunch, but arrange them so that they show their natural grace and beauty. The stems must be neatly tied, and ribbon can be used for this purpose. Ferns, light foliage or fancy grasses may be used in making up with the flowers. Bouquets should be of a medium size.

Baskets.-The remarks on bouquets, so far as applicable, apply here. The colors must harmonize, nothing gaudy or glaring, and the flowers with any ferns or foliage that may be used artistically arranged.

In both of these sections the rarity of the flowers will not be taken into consideration.

## INSECT COLLECTIONS.

Tho exhibitions claim much of our time now, the autumn months are interesting in the insect world. Children take more interest, perhaps, in collecting insects than in any other branch of Nature work.

The course that Principal E. C. Allen, Truro, has prescribed for his senior Entomology class in the Rural Science Training School is so rich in practical suggestions that we gladly pass it along to others. The strong feature of the course is the individual field work. It gives something to do rather than something to memorize. We hope that all teachers will start their children at some of the work suggested by Mr. Allen.

Here is the Course he has outlined:-

## Insect Work for Rural Science Students.

Rural Science students who have taken one term in Entomology may complete their second year work during the school year by performing the work outlined in A and B, with a reasonable amount of that suggested in C.

In this way teacher and pupils will be helping each other.
A.-Keep a note-book (illustrated by simple outline drawings) of your insect observations thruout the school year. Reserve half a dozen pages for questions to be brought in next summer.
B.-Make a collection of the insects of your section to bring next summer for exchange with other R. S. students. (Collect seyeral of each kind, neither spread, mount, nor pin them, but store them in a tight cigar box between layers of cotton. Crush one or two moth-balls and sprinkle between the cotton layers. You will have some species that some other student could not get in her section, and by a system of exchange next summer each student will be able to procure a more representative collection of our Nova Scotia insects.
C. -A reasonable amount of the work suggested below.
(1) A collection of caterpillars preserved in small bottles. A mixture of formalin and water, one tenth formalin, will keep them. The bottles should be numbered, and notes kept as to when and where each specimen was found, what it was feeding upon, etc.
(2) A mounted collection of Orthoptera, (Grasshoppers, Katydids and Crickets). At least ten species.
(3) A mounted collection of Hemiptera (Bugs, Tree-hoppers, Leafhoppers, Cicadas, etc.). At least twenty species.
(4) Collection of Beetles. Fifty or more species.
(5) Collection of Hymenoptera (Bees, Wasps, Ichneumon-flies, etc.). At least twenty-five species.
(6) Collection of Diptera (True two-winged flies). At least twenty-five species.
(7) Collection of Caddice-fly larva-cases. (These can be found in brooks, and pools, and in shallow water along the edges of lakes and ponds. They can be preserved like the caterpillars or dried and pinned).
(8) Collection of insect galls.
(9) Life history of Tussock-moth, showing moths, male and female, caterpillar (in bottle), egg mass, cocoon, and pupa.
(10) Life history of any Tiger-moth.
(11) Life history of Tent-caterpillar.
(12) Life history of Brown-tail moth.
(13) Life history of Cabbage butterfly.
(14) Life history of Mourning Cloak butterfly.
(15) Life history of any other moth or butterfly.

The above are only a few of the many things that might have been suggested under C. Any other sensible work performed will be considered equally valuable.

## HOME AND SCHOOL GARDENS.

In describing the movement for home gardening directed by the school, Dr. P. P. Claxton, Commissioner of Education, declares:
"After the school day is finished and during the long vacation period, millions of American children are idle. Without proper occupation, these future citizens of the United States are thrown on their own resources for amusements until school begins again."
"It seems manifestly the duty of the public schools to furnish employment for these millions of idle young people. The schools are established and maintained for the purpose of educating children into manhood and womanhood and for preparing them for citizenship."

From the same source, we clip the following:-
This work (Home Economics) may be presented thru correlation with other subjects; for example, food may be considered in the nature study, physiology, or school garden work. The cooking may be made the means of introducing the hot school lunch; it may serve the purpose of developing the school as a social center; or it may be carried on largely as home project work and thus increase the child's interest in the activities of the home. Sewing may be used to arouse an interest in the beautifying of the school, as well as in the making of the useful cap, apron, towel and holder, to be used in the cooking lessons. Instruction in sanitation may be made the means of keeping the school and its surroundings in a sanitary condition so that it may serve as a model for the home. Taught in this way the subjects readily find their place on the program.

## SHOW THIS CLIPPING TO YOUR TRUSTEES.

Once a month Play Days, visits to farms, tree seed hunts, corn roasts, etc., are held to stimulate social life. During the summer vacation, classes are held weekly at the "Community House" for sewing, canning, cooking, etc. Many mothers attend these gatherings, finding them quite as interesting as do the children.

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No. 2.

Editor L. A. DeWOLFE, M. Sc., Normal College, Truro, Nova Scotia.

## REVIEW OF AUTUMN WORK.

Our Rural Science teachers have entered upon another year's work with commendable energy. Without the hope of suitable financial recognition they are devoting their spare hours to some phase of school betterment. School Exhibitions have demanded more attention than any other one activity. But in spite of these, the ordinary school work has not been neglected.

Thirty-seven schools sent exhibits to the Provincial Exhibition at Halifax. In some cases the representation was small. But even a beginning indicates that we may look for better things next year. On the other hand, a few schools sent large exhibits of excellent material. Among the best were those from Berwick, Parrsboro, Tatamagouche and Bible Hill. From the City of Halifax, Richmond and Chebucto Schools had very attractive booths.

To indicate the money value of prizes awarded at Halifax it may be mentioned that the following are the biggest prizewinners: Bible Hill $\$ 15.75$; Parrsboro $\$ 10.70$; Tatamagouche $\$ 9.35$; Berwick $\$ 9.25$.

At every County Exhibition, except one, Rural Science was represented. Probably the best were at Bridgewater, Stewiacke and Yarmouth.

Besides, many schools have held their own local exhibitions. These have not all reported the fact or the details to TruroWe hope they will do so in a short time.

The holding of exhibitions is, in itself, comparatively unimportant. The value lies in the use the teacher makes of such events to teach useful and practical lessons. The linking of the school with the home is more effectively accomplished thru the local exhibition than in any other way.

## EXHIBITION SUGGESTIONS.

M. In order that school exhibitions may improve from year to year, Miss Dora Setting up the various Provinistant, has submitted the following suggestions. In to observe the good and bad and County lioxhibits, she had ample opportunity next year will show marked improvements along the lines sugeseded by Miss
$\mathrm{B}_{\text {aker }}$ moints in packing, labelling, etc. We trust that Baker.

Putting an exhibit in shape is a matter which fequently confronts, and sometimes puzzles the teacher. To do it in the best way possible, is her aim; how is the question. Remember time is everything in the final arrangement, so that good exhibits should previously have been neatly, systematically and artistically arranged, all ready to be displayed. Those setting up the exhibits have often the inclination, but seldom the time, to re-arrange or fix up material poorly prepared. A little more thought of the general effect during the time of preparation would mean a better showing, more approval from the public and a greater number of prizes when Exhibition Day comes.

The following points impressed themselves on those setting up exhibits of

1. A neat placard, bearing the name of the school, should be enclosed in the box with exhibits.
2. Teachers exhibiting pressed plants, woodwork, etc. of their own, should mark "Not eligible for prize" on their material.
3. Study your prize list. Know whether it distinguishes between red and white potatoes or between pole and bush beans; then govern yourself accordingly. "String beans" always means beans in the pod.
4. Mark all entries with section and class on label.
5. Use neat labels. It adds materially to the appearance of the exhibit.
6. Collections should be specified on label, e. g. "Collection of 6 jars of canned goods." Otherwise these jars may be separated and thus everlooked in judging that class of entries.
7. Paste all labels on canned goods.
8. Pin the labels on sewing exhibits instead of merely wrapping with it.
9. Sew all fancy work to a firm background.
10. Send fancy work sorted in one package; plain sewing in another.
11. The grade and age must be put on all sewing labals; otherwise it cannot be judged.
12. Send writing exhibits in assorted packages by grades: e. g. pin together all Grade I writing; in another bundle all Grade II, etc. Similarly with maps and other drawings. 13. Pressed work should be strung together (preferably cross-wise), to facilitate placing on wall-space.
13. Flowers should be cut with long stems.
14. Vegetables should be packed tightly.
15. Don't pack ripe tomatoes in breakable boxes among heavy vegetables.
16. Don't twist the tops off turnips, beets, etc. Cul them. (Don't send with tops on!)
17. Don't tie exhibits of carrots, beets, etc. on a long string. Put loose in a paper bag, with label pinned to one carrot or one beet, as case may be.
18. Overgrown vegetables should not be sent. (See Mr. Allen's list for the ear-marks of good vegetables in September, 1916, Bulletin).
19. Don't send sufficient peas or beans for a dinner. A sample only is wanted.
20. Above all, Ship material to the place where the Exhibition is to be held. E. g. when the Exhibition is in Stewiacke, don't send the exhibits to Truro.
21. Ship in time.

## RURAL SCIENCE TEACHERS PLEASE NOTE THE FOLLOWING.

Besides the required notice to Inspectors on the opening day of school, Rural Science teachers should notify the Director. Such notice is necessary to qualify for extra grants.

Bulbs for fall planting are being sent to teachers who applied early. The fund for that purpose is now exhausted. Therefore, all others wishing them must raise the money locally. One hundred tulips planted on the school grounds in October or November will do much next May to create a desire for a flower garden.
. Dahlia tubers are abundant in every section. Now is the time to secure a few from some old-fashioned garden to plant against the school building next spring. The ground should be plowed or dug this fall.

The Rural Science Department will not supply eggs and strawberry plants this year. The privilege has been abused. Parents found it easy to get eggs cheap thru the school; but in most cases, the children had no share in the work or the products. Strawberry plants were neglected; and in too many cases entirely lost. We urge teachers, however, to try to induce children to buy eggs and plants for themselves. What costs little is valued little. What children buy, they will care for.

If any teachers hold prize cards from County Exhibitions but have not received their prize money, please notify the Director of Rural Science.

All teachers who have not reported their exhibitions on the regular report forms should do so. If the blank forms are needed, write to Truro for them.

## HELPFUL LITERATURE.

[^5]
## PEAT MOSS FOR RED CROSS.

Peat Moss in large quantities is wanted by the Red Cross workers. It is used in hospitals as a substitute for absorbent cotton. School children could render assistance here. It is a small matter to gather a few large bags of this moss and send it to Red Cross Headquarters, Halifax. This moss, known to botanists as Sphagnum, grows in bogs and is usually very pale green. Sometimes it is tipped with reddish pink. Teachers unacquainted with it can have it identified in Truro or elsewhere. There are several species; but only the absorbent ones are of value. Specimens should be sent for approval before collections in quantity are made.

## TEACHING AGRICULTURE. <br> (From the Henderson Journal, Kentucky).

We notice by the dispatches that agriculture is to be taught in the rural schools of Kentucky

If-
It doesn't interfere too much with the curriculum (the regular course) in the school.

If that's the way they feel about it all right.
But we hereby cast our vote in favor of teaching agriculture in the rural schools.

Especially--
If it does interfere with the curriculum in the schools.
If the curriculum of the schools hadn't been interfered with a good many times in the past the clock would have been stopped for fifty years.

There have been two separate and distinct schools of thought in the arrangement of the public school curriculum. There has been the faction which seemed determined to cram the juvenile mind full of any old information that was useless, and the less value to the pupil when he stepped out into the world the more of it they tried to cram into him.

It has been done largely under the pretext of fitting the pupil for the college which he never attendect. The pupils have answered by quitting school at the close of the grades and leaving a corporal's guard to matriculate.

The other faction in the educational world has struggled to inject into the school course something useful-something that would enable the graduate to battle skillfully and successfully in the world for which he was supposed to be fitting himself.

The practical or utilitarian faction was in a very small minority at the start but gradually concessions have been wrung from the other side until in the most advanced schools they really teach the pupils something useful.

Let's take a mirror and look ourselves squarely in the face. There is nothing wrong with Kentucky. Yet farm lands are worth here only half what they are worth in other states which can boast no better soil. We could ask for no better soil. Where is a better climate?

There is nothing wrong but ourselves.
Boys who should be raised on the farm are raised in the towns and then sen ${ }^{7}$ on to feed the hungry remorseless call of the city. One blade of grass grows where two would grow if some one would tell it how. Farmers are a dollar in debt where they would have two in the bank if they and their sons were enabled to understand agriculture as it can now be understood when there is opportunity to learn it.

The theory is twenty-five years ahead of the practise. Why not take a short cut and inject a little theory into the pupils of the country schools in place of miscellaneous and classified useless information, fads and fancies, frills and furbelows?

## 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, 1917. 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 1917.

## 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 Sack coat length;
bottomes to be plain with two small buttons of Canadian Militia pattern at tom 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 wornby Uniform and equipment to be provided by the officers of the corps, as is done $y$ 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 1 st 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, semiriding; 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 inportant 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 training Cadet Corps.

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 1916-1917 includes:-

1. Physical Training, (Syllabus of Physical Exercises for Schools).
2. Scout Training.-(a) Scouting, Reconnaisance, 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.

## Strathcona Prizes for Military Drill, 1915-1916.

The following prizes were awarded from the Strathcona Trust Funds to the fifteen best School Cadet Corps in Nova Scotia, in the Military Drill Competition, 1916:-

## Strathcona Trust Prizes.

No. 254, Windsor, N. S., Lt. A. Cunningham, C.S.C.I, $89 \%$............ $\begin{array}{r}\$ 75.00 \\ 65.00\end{array}$

No. 167, N. Sydney, N. S., Lt. J. H. Lawley, C. S. C. I.......... $81 \%$.. 50.00
No. 206, Halifax, N. S., C. Co., Capt. G. M. Huggins, C.S.C. $79 \% 10.045 .00$
No. 35, A. Co., Halifax, N.S., Capt. J. Morton, C. S. C. I., $78 \% \%$..... 40.00

No. 319, Halifax, N. S., Lt. G. R. Marshall, C. S. C. I., $74 \% \ldots \ldots . .$.
\o. 219, New Glasgow, B. Co., Lt. F. MacDonald, C. S. C. I., $71 \%$. ... ${ }_{20}^{25.00}$
No. 273, Chester, N. S., Mr. S. M. Zinck, $68 \% \ldots \ldots \ldots$.
No. 251, Bear River, N. S., Lt. W. K. Tibert, C. S. C. I., $67 \%$........... 15.00
No. 309, Westville, N. S., Lt. F. I. Lent, C. S. C. I., $64 \%$. . . . . . . . . . . . . . 10.00
No. 117 , Middleton, N. S., Lt. L. Ruggles, C. S. C. I., $62 \%$. .............. 10.00
No. 306, Sydney, C. B. Lt. J. T. Archibald, C. S. C. .,
One half of the prize to be retained by the Cadet Instructor, the other half to be invested for the benefit of the Cadet Corps.

The above Competition includes the following subjects of the Syllabus of Cadet Training:-

Company Drill ................................................................... $30 \%$
Extended Order . . ................................................................... $20 \%$
Discipline, Cleanliness, C/O Arms and Accoutrements
Scouting

Owing to the Cadet Camp and N.S. R. A. Meet having been cancelled this year, the following tropies won by Cadet Corps in 1913 may be retained for another year-

Musketry, Cadet Camp Cup.-Won by No. 288 Cadet Corps, Inverness,
Strathcona Trust Cup (Senior)-won by Cadet A. McKay, No. 174 Cadet Corps, Truro, N. S.

Strathcona Trust Cup (Junior)-won by Cadet C. Elliott, No. 174 Cadet Corps, Truro, N. S.

Rutherford Trophy (Team Prize) - won by No. 174 Cadet Corps, Truro, 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 $61 \frac{1}{2}$ 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 tatget 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.

## Promotions, Corps of School Cadet Instructors.

(a) The following School Teachers and Officers in the Corps of School Cadet instructors have been promoted to the rank of Captain:--

Lieut. E. P. Morse, C. S. C. I., Inverness, N. S., from 10th Sept, 1915.

Lieut. D. G. Davis, C. S. C. I., Truro, N. S., from 31st July, 1916.
(b) The Superintendent of Education for Nova Scotia, was granted the Honorary Rank of Colonel on the 17th August, 1912, on account of the successful introduction of the Dominion Training system of 1908, into Nova Scotia, which by 1912 was adopted by all the Provinces of Canada.

## PHYSICAL TRAINING.

## Strathcona Physical Training Pyizes, 1917.

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 1916-17 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 subdivisions and prizes in each inspectorial division is announced for the present school year, 1916-1917.

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: District of Lunenburg and New Dublin, 4 prizes of equal value; district of Chester 1 prize; district of South Queens, 2 prizes of equal value; district of North Queens, 1 prize. Departments whose pupils belong to Cadet Corps to be excluded.

No. 3. Two prizes to each of the following four sub-divi-sions:-(a) Yarmouth, (b) Argyle, (c) Barrington and (d) Shelburne. Sections having a Cadet Corps to be excluded.

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 Co. 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 South Inverness District, and three to Richmond District.

No. 8. Two prizes each for (a) Inverness North, south of the Margaree River, and (b) Inverness North, north of the Margaree River. Three prizes for Victoria Co. Sections with Cadet Corps excluded.

No. 9. Six prizes of equal value: three for Pictou East, and three for Pictou West. Sections where live 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. Three prizes for South Colchester; two prizes for West Colchester; two prizes for North Colchester; three prizes for East Hants. Sections having a Cadet Corps will be excluded.

## STRATHCONA PRIZES FOR EXCELLENCE IN PHYSICAL TRAINING, SCHOOL YEAR ENDED, JULY, 1916.

List of Strathcona Prize Winning Schools in each County of Nova Scotia arranged according to Inspectorial Divisions for the School Year ended July, 1916.

## Graham Creighton, Inspector, Division No. 1, (City and County of Halifax)

Miss Theresa Sullivan, Halifax . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .
Madam Gillen, Halifax. . . . . . . . . . . . . . . . . .
$\begin{array}{ll}\text { Sister Marie Bernard, Halifax. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . } & 4.44 \\ 4.44\end{array}$
Miss Margaret Rockett, Halifax. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4.44
Miss Harriet Flowers, Halifax. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4.44
Miss Edith Flowers, Halifax . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4.
Miss Emma Theakston, Halifax . . . . . . . . . .
Miss Emma Theakston, Halifax . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4.44
Miss Eileen Devan, Dartmouth....................................... 4.44
Miss Mary McCurdy, Halifax. ................................... . . . 4.44
Miss Lillias W. Colquhoun, Halifax ............................ . . . 4.44

Miss Nola Maguire, Lower Sackve. . . . . . . . . . . . . . . . . . . . . . . . . $\quad \mathbf{5 .} 30$
Miss Marion Smith, Musquodoboit Harbor . . . . . . . . . . . . . . . . . . $\quad \mathbf{5 . 3 0}$
Miss Minnie Naufts, Pleasant Point................................ . . . 5.30
Miss Joyce Webber, East Jeddore................................ . . . . 5.30
Miss Helen L. Fisher, Clam Harbor.......................................... 5.30
Miss Alexandra Erskine, Hutchinson. . . . . . . . . . . . . . . . . . . . . . . . . . . 5.30
Miss Ella E. Rankin, Chaswood. ................................... . . . . . . . . $\quad 5.30$
Miss Flora Manthorne, Carroll's Corner . . . . . . . . . . .

$\$ 106.27$
H. H. MacIntosh, Inspector, Division No. 2, (Lunenburg and Queens).

Miss Eva Rafuse, Lunenburg, Lun. Co........................ 7.72
Miss Helen Zwicker, Martin's River, Lun. Co . . . . . . . . . . . . . . . . $\quad 7.72$
Miss Verta Lantz, Parkdale, Lun. Co ............................ . . 7.72

Miss Georgic McMinn, Chester, Lun. Co............................................ 71
Miss Nettie Freeman, Cen. Port Mouton, Queens Co............ $\quad 7.71$
Miss Margaret J. Christie, Mill Village, Queens Co............ 7.71

## C. Stanley Bruce, Inspector, Division No. 3, (Shelburne and Yarmouth)

|  | 7.32 |
| :---: | :---: |
| Miss Alice W. Firth, San | 7.32 |
| Mr. Arthur E. Wood, Ba | 7.32 |
|  | 7.32 |
| Miss Estelle J. Pottier, Mid. Eell ${ }^{\text {Miss }}$ Catherine Belliveau, Lr. East Puico, Yar. ${ }^{\text {Co}}$ | 7.33 |
| Miss Cathe W. Hopkins, Ohio, Yar. Co............. | 7.33 |
| Miss Amia Pitman Hebron, Yar. | 7.33 |

Mayhew C. Foster, Inspector, Division No. 4, (Digby and Annapolis).
Miss Constance S. Lloyd, Bridgetown, Anna. Co.............. $\quad 7.00$
Miss Constance S. Hoyd, Brooks, Port Lorne, Anna. Co................ 6.81
Miss Blanche Eva Brooks, Port Lorne, Anna. Co................ 7.00
Miss Ida B. Banks, Chesley, Anna. Co................................... 681
Miss Alma L. Buckler, Round Hill, Anna. Co................ $\quad 7.00$
Miss Mabel W. McCallum, Weymouth North, Digby Co..... 681
Victoire I. d'Entremont, Douicetville, Digby Co.................. $\quad 7.00$
Sister M. Cecile, Meteghan, Dighy Co................................ 6.81
Marie Elise Timot, Ohio, Dighy Co.
E. Robinson, Inspector, Division No. 5, (Kings and Hants).
Miss Elva B. Titus, Wolfville, Kings Co ..... 8.88
Miss Reta M. Young, SummerviHe, Hants Co. ..... 8.88 ..... 8.88 ..... 8.88
Miss Lilla Maxwell, Maitland, Hants Co
Miss Lilla Maxwell, Maitland, Hants Co
Miss Alice M. Bowlby, Aylesford, Kings Co ..... 8.88
Miss Effie Potter, Tremont, Kings Co ..... 8.16 ..... 8.16
Miss Adelaide Coggins, Wolfville, Kings Co. ..... 8.16 ..... 8.16
Miss Gladys MacQuarrie, Pereaux, Kings Co ..... 7.72
A. G. Macdonald, Inspector, Division No. 6, (Antigonish and Guysboro).
Miss Cath. M. Chisholm, Marydale, Ant. Co. ..... 8.10
Miss Gertrude McKenzie, Antigonish ..... 7.47
Miss Annie D. Barss, Hazel Hill, Guys Co ..... 8.10 ..... 8.10
Miss Margaret Helen LeBlanc, Larry's River, Guy. Co ..... 7.44 ..... 7.44
Miss Elizabeth A. Lowe, Port Bickerton, Guy. Co ..... 8.10
M. J. T. Macneil, Inspector, Division No. 7, (Inverness South and Richmond)
Sister St. Olga, Port Hood, Inverness South. ..... 7.09
Miss Sophia McLean, Hastings, Inverness South ..... 5.66
Miss Violet Courteen, Marble Mountain, Inverness South ..... 4.25 ..... 4.25
Sister M. Ste. Firmine, Arichat, Rich. Co ..... 7.09

| David MacKay, Grand River, Rich. Co . . . . . . . . . . . . . . . . . . . . | $\mathbf{5 . 6 6}$ |
| :--- | :--- |
| George W. Etienne, Poulamond, Rich. Co................... |  | ..... 5.66 ..... 5.66

George W. Etienne, Poulamond, Rich. Co$\$ 34.00$
James MacKinnon, Division No. 8, (Inverness North and Victoria).
Sister Marie du Cenacle, Eastern Harbor, Inverness Co. ..... 6.00
Miss Lucy F. Doucet, Belle Cote, Inverness Co ..... 4.00 ..... 4.00
Miss Margaret McDougall, Margaree Harbor, Inverness Co ..... 4.00 ..... 4.00
Miss Mary C. McDougall, Broad Cove Chapel, Inv. Co ..... 4.00
Miss Catherine G. Donohue, Iona, Vict. Co. ..... 6.00 ..... 6.00
Miss Flora B. McAskill, Englishtown, Vict. Co ..... 4.00
Miss Mary LeBlanc, South Ingonish, Vict. Co. ..... 4.00
E. L. Armstrong, Inspector, Division No. 9, (Pictou). ..... 7.62
Miss Ada MacDonald, Pictou (West)
Miss Ada MacDonald, Pictou (West)
Miss Annie I. Fraser, Diamond (West) ..... 62 ..... 62
Miss Greta Archibald, Lyons Brook (West)
7.61
7.61
Miss Katherine MacDonald, Trenton, (East)
Miss Katherine MacDonald, Trenton, (East)
7.61
7.61
Miss Annie E. Harris, Sunny Brae (East)
Miss Annie E. Harris, Sunny Brae (East) ..... 7.61
Miss Ethel V. Grant, Upper Hopewell (East)$\$ 45.69$
Inglis C. Craig, Inspector, Division No. 10, (Cumberland). ..... 7.83Miss Mabel Langille, Oxford ..... 7.83
B. R. Hall, Joggin Mines
B. R. Hall, Joggin Mines
Miss Annie MacSavaney, Springhill ..... 7.83
J. Aileen Henderson, River Hebert ..... 7.83
Miss Florence Lent, Port Greville ..... 7.84
Miss Alice MacInnis, North Wallace
7.84
7.84
Miss Sadie Berry, Minudie ..... 7.84
Miss Edith Chapman, Chapman Settlement$\$ 62.67$
T. M. Phelan, Inspector, Division No. 11, (Cape Breton).
Miss Alma M. Doucett, Little Bras d'Or, (Graded) ..... 9.99
Miss Josephine MacKenzie, Sydney, (Graded) ..... 9.45
Miss Violet E. Bown, North Sydney, (Graded) ..... 8.93
Miss Catherine G. MacCuish, Port Morien, (Graded) ..... 8.40
Miss J. Helen Hartigan, Sydney Mines, (Graded) ..... 7.88
Sister St. Pancratius, Sydney, (Graded) ..... 7.35 ..... 7.35
Miss Annie S. Daley, Sydney, (Graded) ..... 6.83
Miss Margaret McIsaac, Birch Grove, (Graded) ..... 6.30
Miss Lillian M. Ferguson, Sydney Mines, (Graded) ..... 5.78
Miss Janet F. Cameron, Birch Grove, (Graded) ..... 5.25
Mr. Walter A. Pettipas, East Bay, (Ungraded) ..... 7.62
Miss Elizabeth J. Cash, Ball's Bridge, (Ungraded) ..... 7.11
Miss Winifred L. Power, Boisdale, (Ungraded) ..... 6.60
Miss Jessie Campbell, French Road, (Ungraded) ..... 6.09
Miss Margaret S. MacNeil, Portage, (Ungraded) ..... 5.58
Miss Jean MacKay, Catalone, (Ungraded) ..... 5.08
W. R. Campbell, Inspector, Division No. 12, (Colchester).
Miss Amelia J. Cox, Upper Stewiacke ..... 5.50
Miss Alice Smith, Lower Stewiacke ..... 5.00
Miss Flora Vance, Middle Stewiacke ..... 4.24
Miss Mattie T. Harris, Brule ..... 5.50
Miss Libbic M. Thompson, Central New Annan ..... 5.00
Miss Ottillie Caddel, Central Economy ..... 5.50
Miss Iola McCully, Masstown ..... 5.00
$\$ 114.24$

## 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 1 st of June.

Report of Physical Training, in........................................... school
Section No.............. District of.............................for school year beginning August, 191

| Name of Teacher. |  |  | Remarks. |
| :---: | :---: | :---: | :---: |
|  |  |  | * |

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 through 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-r.ower Arms backwardSuing.

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 4 and following, Substitute "Right (or Left) In cline."

## Physical Training Courses.

Physical Training Courses, for teachers will be conducted at the Rural Science School, Truro, N. S., during the Midsummer 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 Certificate.

Normal College, Truro, N. S. (14 Feb., 1916 to 18 April, 1916).

| ss Ferne Bessie L | Diligent River | berlan |
| :---: | :---: | :---: |
| Miss Mary B. Kaizer. | Billtown |  |
| Miss H. May Johnston |  |  |
| 3-Miss Eunice |  |  |
| 8944-Miss Elsie Pearl |  |  |
| 8945-Miss Ada Willetta Harring | Lo |  |
| Miss Vila |  |  |
| 47-Miss Mary Ag |  |  |
| 8948-Miss Myrtle Blanche L |  |  |
| 8949-Miss Jessie B. McDouga | Margaree Fo | ss. |
| 8950-Miss Jessie MacGregor | West |  |
| 8951-Miss Marion Fiske Lo | Loc |  |
| 8952-Elva Angenetta McKenr |  | Shelburne |
| 8953-Miss Celia Grace Hines | Mt. Ha | Annapoilis. |
| Miss Mollie Laffa |  |  |
| 8955-Miss Edna Pe | Dartmout | fax |
| 8956-Miss Jessie MacKay | Ca | ee Breton. |
| 8957-Miss Annie Maria Mc | South West M |  |
| Ora Willena Haw | Pleasant |  |
| 8959-Miss Alexandra Willa | N | , |
| 8960 - Miss Margaret Mary Macd | Maryvale. | Antigonish. |
| Miss Kathleen Gor | e Riv |  |
| Miss Hanna Rose Ma | Baddeck |  |
| 8963-Miss Kathleen Nora Coode |  |  |
| Miss Elsie Belle Eisenhaur. | Bridgewa |  |
| Miss Prudence Dickie Br | Clark's |  |
| 8966-Miss Margaret Mae Camero | West Tata | h. |
| 8967-Miss Janet Elsie MacIntosh | Loch Katrine ..... |  |
| 8968-Miss Jennie Ethel Brown | Eastville, Up. Stewi |  |
| Miss Edith Blanche Burns |  |  |
| 8970-Miss Esther Margaret Dr |  | e B |
| 8971-Miss Mary Agnes Ca | Ne |  |
| 8973-Miss Lena Thurza Boyd | Falmouth |  |
| 8974-Miss Cora Mae Bowlb |  |  |
| Miss Helena Blackadar D | . Pleasant Va |  |
| iss Margaret Isabel Can | West River |  |
| 8977-Miss Mamie Ora Abboth |  |  |
|  |  |  |
|  | . Dalhousie |  |


| 8981 - M iss Ezelia | Milton.. | Queens. |
| :---: | :---: | :---: |
| 8982-Miss Nellie Boyd | Belm |  |
| 8983-Miss Christie Mi | Blue Ro | Lunenb |
| 84-Miss Isabell Cil | East Bay | Cape Breton |
| 8985-M Miss Vivian Jean DeWolf | Port Ho | Cumberland. |
| 8986-Miss Fannie Evelyn Cannin | Port Gre | Cumberland. |
| 8987-Miss Alice Muriel Grah | Dartmouth | Halifax. |
| 8988-Miss Susie Irene De | Joggin M | Cumberla |
| 8989-Miss Viola Mary Bagnell |  | e Breton. |
| 8990-Miss Catherine L. Gillis. | Victoria Bridg | Cape Breton. |
| 8991-Miss Flora Leona Bank | Clementsport | Amnapolis. |
| 8992-Miss Annie Rebecca Auste | N. E. Margaree | ess. |
| 8993-Miss Lucy Jane Campbell | Beatonville |  |
| 8994-Miss Annie Bell Aitchison | Millbu |  |
| 8995-Miss Gladys May Aitchi | Millburn. |  |
| 8996-Miss Eugenie M. Crowe | Old Bar |  |
| 8997-Miss Madeline Hill | Cove Road |  |
| 8998-Miss Mary Edith |  | chester. |
| 8999-Mr. George Peter Maci | Loch Katrin | sh. |
| $9000-\mathrm{Mr}$. E. S. Boran | Springhill Min | Cumberiand. |
| $9001-\mathrm{Mr}$. Keith C. Ba | Westport |  |
| 9002-Mr. Basil Court |  |  |
| 9003-Mr. Kenneth Coring | Grand Pre |  |
| 9004-Mr. Joseph Edward Steadma | Young's | napolis. |
| $9005-\mathrm{Mr}$. Joseph Grafton Croc | reeport |  |
| $9006-\mathrm{Mr}$. James Damascus Brit | Poirierville |  |
| 9007-Mr. Joseph Henry Digout | Cannes | Richmond. |
| 9008-Miss Cornelia P |  |  |
| 9009-Miss Hilda Ma | At |  |
| 9010-Miss Kathryn Lorella | Watt. She |  |
| 9011-Miss Alice Lillian Potter | Clem | Annapons. |
| 9012-Miss Margaret Nora McKin | Iny |  |
| 9013--Miss Dorothy Ruth | Fr |  |
| 9014-Miss Janie Myrtle Purdy . | . South Bra | dichester. |
| 9015-M iss Helen Annie Mathes | Hunter's Moun |  |
| 9016-Miss Mary Elizab | Barrachois Har | (a |
| 9017-Miss Evangeline Booth Morrison. | . Onslow Statio |  |
| 9018-Miss Margaret Ev | burg |  |
| 9019-Miss Edith | Upper Kenneto |  |
| 9020-Miss Elvie Myers | Head Jedd |  |
| 9021-Miss Carrie Olga Marsh |  | Colchester. |
| 9022-Miss Catherine |  |  |
| 9023-Miss Gertrude Moore | Wavert |  |
| 9024 -Miss Eunice Evelyn Scott Outh |  |  |
| $9025-M i s s$ Margaret Gray | Margare | Inverness. |
| 9026-Miss Lauchline Macleod |  |  |
| 9027 -Miss Theora Winnifred Randall | North Kemptville |  |
| 9028-Miss Christima C. MacLennan | Inverness.. | Richmosd. |
| 9029-Miss Margaret Annic MacLeo |  |  |
| 9030-Miss Bessie Laura Murra | Scotsburn. |  |
| 9031 -Hilda Evely | Kemptville | Inverness. |
| $9032-$ Miss Christene MacLellan |  |  |
| ${ }^{\text {9033-Miss E:ffie Genevieve Mouzar }}$ |  |  |
| ${ }^{034-M i s s ~ J e n n i e ~ E v e l y n ~ P r o s s e r ~}$ | Kemptville |  |
| 9035-Miss Ethel Morrow | River | Inverness. |
| 9036-Miss Margaret McMaster |  |  |
| 037-Miss Ellen Sophie MacPhail | Big Harbor island |  |
| 38-Miss Catherine Ellen Mcleod | up. Barney's Riv | Annajolis. |
| 039-Miss Margaret Annic Mosher |  |  |
| 040-Miss Mary Jaura d'Entremon | Meteghan River |  |
| 041-Miss Mariorie Alberta Reeves | Kenrptville |  |
| 042-Miss Bessie Cook Sutherland |  |  |
| 048-Miss Helen Crant Thomson | Durham |  |
| 044-Miss Lillian May Sutherland | River John Road |  |
|  |  |  |


| 9046-Miss Edith Jeanette William | Port Hawkesbury |  |
| :---: | :---: | :---: |
| 47-Miss Alberta Mina Vance | Bass River |  |
| 9048-Miss Mary Margaret Sharp | Shubenacadie |  |
| 9049-Miss Mary Celena Babin | Morris | Yarmouth. |
| 9050-Miss Margaret Florence M | River Hebert H | Colchester. |
| 9051-Miss Hattie Jane Fougere | Cannes | Richmo |
| 9052-Miss Margaret C. Sutherland | Diamond | Pictou. |
| 9053-Miss Helen Smith | Broad Cove Chape | verness. |
| 9054-Miss Eleanor Marie d'Eh | Md. East Pubnico | Yarmouth |
| 9055-Miss Nellie Marie Riley | N. W. Arm Trac | Antigonish. |
| 9056-Miss Josephine Teressa Tr | Pleasant L | Yarmouth. |
| 9057-Miss Clara Jane Samson | Poulamon |  |
| 9058-Miss Lela Evelyn Wile | Midville | Lunenburg |
| 9059-Miss Minnie Eveline Whidd | Lower Onslow | est |
| 9060 -Miss Ethel Marie Wharton | Beach Meado | ns. |
| 061-Miss Ida May Sanf |  |  |

Rural Science School, Truro, N. S., (12 July, 1916 to 10 Aug.. 1916).

| 9062-Mr. Robert Nelson Bagnell | Louisburg $\qquad$ Cape Breton. |
| :---: | :---: |
| $9063-\mathrm{Mr}$. George Lawrence Leslie | . Spry Bay . . . . . . . . . . . . Halifax. |
| 9064-Mr. Murray William McDon | . St. Patrick's Channel . . . . Victoria. |
| 9065-Mr. Arthur Ciordon Melvin | . Halifax. . . . . . . . . . . . . . . . Halifa |
| 9066-Miss Effie Grace Messinger | So. Farmington . . . . . . . Annapolis. |
| 9067 - Miss Marjorie Dennette No | . Canning. . . . . . . . . . . . . . . Kings. |
| 9068 - Miss Annie Ruth Black | . Pugwash . . . . . . . . . . . . . Cumberland. |
| 9069-Miss Ceorgie Marguerite B | . Melvern Square . . . . . . . Annapolis. |
| 9070-Miss Nellie Amelia Yorke | . Parrsboro . . . . . . . . . . . . . Cumberland. |
| 9071--Mr. (eorge Wilford Bowlby | . Middleton . . . . . . . . . . . . Annapolis. |
| 9072-Miss Minerva Eliza Dillman | . Wyses Corner. . . . . . . . . . Halifax. |
| 9073-Miss Clara Polley Dillma | . Wyses Corner. . . . . . . . . . Malifax. |
| 9074-Miss Jessie Ena Rutherfor | . Newton Mills . . . . . . . . . Colchester. |
| 9075-Miss Elsie Waugh | Truro. . . . . . . . . . . . . . . . . Colchester. |
| 9076-Miss Annic Elizabeth Mo | Caledonia Mines . . . . . . Cape Breton. |
| 9077-Miss Annje Beatrice McIntosh | Central New Annan . . . . Colchester. |
| $9078-\mathrm{Mr}$. George Holland Hoffman | Nictaux South . . . . . . . . Annapolis. |
| 9079-Miss Mildred I. MacDougall | . West Gore. . . . . . . . . . . . . Hants. |
| 9080-Miss Grace Gladys Lantz. | . Cambridge . . . . . . . . . . . . Hants. |
| 9081-Miss Jaura May Boutilier | . Caledonia . . . . . . . . . . . . Cape Breton. |
| 9082 - Bertha Marjory White | . Berwick. . . . . . . . . . . . . . . Kings. |
| 9083-Miss Edith Mary Browne | . Northport . . . . . . . . . . . . Cumberland. |
| 9084 - Miss Annie Louise Fales. | . So. Farmington . . . . . . . Annapolis. |
| 9085-Miss Muriel Lucy Eaton | . Lower Canard . . . . . . . . . Kings. |
| 9086-Miss Catharine Mary Baillie | Westville. . . . . . . . . . . . . Pictou. |
| 9087-Miss Sadie Irene Mcl.ella | . Central New Annan . . . . Colchester. |
| 9088-Miss Jean Evelyn Fisher | . Newton Mills. . . . . . . . . . Colche |
| 9089 - Miss Nellie Anne Matheso | . River Phillip . . . . . . . . . . Cumberland. |
| 9090-Miss Margaret Ciertrude Ca | Parrsboro . . . . . . . . . . . . Cumberland. |
| 9091-Miss Dorothy Frances Alcorn | Berwick. . . . . . . . . . . . . . Kings. |
| 9092 - Miss I illian Alice Chase | . Church Street . . . . . . . . . . Kings. |
| 9093-Miss Mary Roche. | . Bedford. . . . . . . . . . . . . . Halifax. |
| 9094-Miss Mary Agnes Mclellan | . Glace Bay . . . . . . . . . . . Cape Breton. |
| 9095-Miss Anna Josephine Macleell | . Broad Cove Chapel . . . . . Inverness. |
| 9096-Miss Arnes Dorothea Roche | . Bedford. . . . . . . . . . . . . . . Malifax. |
| 9097-Miss Mary Julia Hallisey | Halifax. . . . . . . . . . . . . . . H |
| 9098-Miss Myrtle F. Banks | . Torbrook Mines. . . . . . . Annapolis. |
| 9099-Miss Mildred Carolyn S | Wolfville . . . . . . . . . . . . . Kings. |
| 9100-Miss Cieorgianna Paige Pinneo | . Mill Village. . . . . . . . . . . Queens. |
| 9101-- Miss Amy Jeck Kinnie. | . Berwick. . . . . . . . . . . . . Kings. |
| 9102--Miss Ilazel Blanche Steeves. | . Billtown . . . . . . . . . . . . . Kings. |
| $9103-$ Miss Frdith May White. . | Md. Musquodolooit . . . . . Malitax. |
| 9104-Miss I.uella Thompson | Oxford . . . . . . . . . . . . . . . Cumberland. |
| 9105 - Miss Marie Theresa Duffy | Parrsboro |
| $9106-$ Miss Vellie Verna Lewis. | Five Islands |
| 9107--Miss Alice Emma Bruce Irving | Picton . . . . . . . . . . . . . . Pictou. |


| 9108-Miss Ethel Elizabeth Drillio | Hants. |
| :---: | :---: |
| 9109-Miss Florence Emma Smith. | Upper Falmouth . . . . . . . Hants. |
| 9110 - Miss Olive Densmore | East Noel . . . . . . . . . . . . Hants. |
| 9111-Miss Jessie Campbell. | Glace Bay. . . . . . . . . . . . . Cape Breton. |
| 9112 -Miss Marion Averil McAloney | Torbrook. . . . . . . . . . . . . Annapolis. |
| 9113-Miss Janet Hazel Campbell | Inverness. . . . . . . . . . . . . Inverness. |
| 9114-Miss Gertrude Ethel Eaton | Lower Canard . . . . . . . . . Kings. |
| 9115-Miss Ella May Phillips. | Inverness.... . . . . . . . . . Inverness. |
| 9116 - Miss Emma L. White | Md. Musquodoboit . . . . . Halifax. |
| 9117 - Miss Ruby Douglas Anthony | Kennetcook Corner. . . . . Hants. |
| 9118-Miss Bessie May Phillips | Old Barns . . . . . . . . . . . . Colchester. |
| 9119-Miss Katherine McNeil | Glace Bay. . . . . . . . . . . . Cape Breton |
| 9120-Miss Jennie Fraser. | Glengarry Station . . . . . . Pictou. |
| 9121--Miss Georgia Noma Cro | Old Barns . . . . . . . . . . . . Colchester. |
| 9122-Miss Irma B. Campbell. | Bear River . . . . . . . . . . . Digby. |
| 9123-Miss Jennie Cecilia MacDon | S. W. Margaree . . . . . . . . Inverness. |
| 9124-Miss Muriel A. Shaw | . Berwick. . . . . . . . . . . . . . Kings. |
| $9125-\mathrm{Mr}$. John Ignatius McNeil | .Sydney.................. . . Cape Breton. |
| 9126-Miss Eva Maud Dewar... | . Springhill. . . . . . . . . . . . . . . Cumberland. |
| 9127-Miss Grace Tabor | . Parrsboro . . . . . . . . . . . . Cumberland. |
| 9128-Miss Varina Lillian Rose | Tatamagouche ......... . Colchester. |
| 9129-Miss Mary Inez Porter | Wolfville . . . . . . . . . . . . . Kings. |
| 9130-Miss Viola Garnet Embree | McPherson's Ferry . . . . . Richmond. |
| 9131 -Miss Leta Cox. . . . . . . | Londonderry.... . . . . . . . Colchester. |
| 9132-Miss Hattie May Barkhous | Upper Newport . . . . . . . . Hants. |
| 9133-Miss Jennie May Gilroy. . | Springhill.... . . . . . . . . . . Cumberland. |
| 9134-Miss Laura Marion Harrison | Maccan . . . . . . . . . . . . . . Cumberland. |
| $9135-\mathrm{Miss}$ Mary Lavinia Kennedy | Tatamagouche . . . . . . . . . Colchester. |
| 9136-Miss Christin Chisholm. | Moose River. . . . . . . . . . . Pictou |
| 9137 -Miss Ida Bowler Crowe | Highland Village . . . . . . . Colchester. |
| 9138-Miss Marion Fraser Williams | Great Village . . . . . . . . . . Colchester |
| 9139-Miss Glady Mary Treri | Amherst....... . . . . . . . . Cumberland. |

## Rural Science School, Truro, N. S., (10 July, 1916 to 2 Aug., 1916).

| 9140 -Miss Oressa Louise Black | rst | mberland. |
| :---: | :---: | :---: |
| 9141 -Miss Helen Douglas Bishop | Kentville | Kings. |
| 9142-Miss May Belle Baker. . . | Wolfville | Kings. |
| 9143--Miss Theresa Jane Broussard | . Pomquet | Antigonish. |
| 9144 - Miss Violet May Bonnell | Stellarton | Pictou. |
| 9145-Miss Mary Alice Deveau | Belliveau's Cove | Digby. |
| 9146-Miss Sadie Rebecca Fuller | . Pugwash | Cumberland. |
| 9147 - Miss Elsie Geraldine MacPhee | Sheet Harbor | ifax |
| 9148 - Miss Catherine Isabel MacLeod | The Falls | Colchester. |
| 9149 - Miss Ella May Naugler | Dayspring. | Lunenburg. |
| 9150 - Miss Grace Arnold Porter | Wolfville | Kings. |
| 9151-Miss Annie Marilla Pye. | Beaver Harbor | Halifax. |
| 9152 - Miss Elma Hazel Ramey | Bridgewate | Lunenburg. |
| $9153-\mathrm{Miss}$ Willena Maie Reid. | Pugwash | Cumberland. |
| $9154-\mathrm{Miss}$ Giwendolyn Vaughan Shand | Windsor | Hants. |
| 9155 - Miss I sabelle Margaret Wambol | entvill | Kings. |
| 9156-Mr. John Patrick Martin...... | Dartmouth | Halifax |
| 91.57-Mr. Joseph Webb | Harve Bouch | Antigonish. |

## GRADE "C' PHYSICAL TRAINING CERTIFICATES.

## Normal College, Truro, N. S., (14 Feb., 1916 to 18 April, 1916).



| Thorburn. | . Pictou. |
| :---: | :---: |
| New Glasgow | Pictou |
| Wolf ville | Kings. |
| . Old Barns | Colcheste |
| Coffin's Croft | Shelburne |
| heet Harb | Halifa |


| 227-Miss Margaret Ellen MacCara | H | Pictou |
| :---: | :---: | :---: |
| 228-Miss Amy Clara L. Himmelman | Rose Bay. | nburg. |
| 229-Miss Laura Maude McDonald | Sheet Ha | Shelburne. |
| 230-Miss Elizabeth C. Littlewood | Ingoma | lichester. |
| 231-Miss Minnie Ethel Langille | L | Halifax. |
| 232-Miss Gladys Jean Horton. | M | Guysboro. |
| 234-Miss Mabel Catherine Lynch. | Nutby | Colchester. |
| 235-Miss Margaret McDonald | Inverne | Inverness. |
| 236-Miss Lottie Mary Allan | Trur | Colchester. |
| 237-Miss Marion Mclean Ca |  | olchester. |
| 238-Miss Edith Verna Daviso | Sh | Hants. |
| 240-Miss Annie Oliva MacDonald | Truro. | chester. |
| 241-Miss Maude Muriel Cole | Greenfield | Colchester. |
| 242-Miss Letitia Mildred Mc | Nutby | Colchester. |
| 243-Miss Irene Robbins |  |  |
| 244-Miss Eleanor MacPhail | Tr |  |
| 245-Miss Sybil Estelle Peel |  | hester. |
| 246-Miss Evangeline Dodge |  |  |
| 247-Miss Alice B. Irving | Three | khester. |
| 248-Miss Gladys M. Lewis.. | Up. E | lchester. |
| 249-Miss Winifred M. Archibal |  | Colchester. |
| ${ }^{251-M i s s}$ Marjorie Mr Stephen Fos | St. Croix | Annapolis. |
| 252-Mr. Ludlow Jackson Weeks. | Truro | Colchester. |
| 253-Mr. Theodore Page | Rockland | Shelburne. |
| 254-Mr. Joseph Webb. | Havre Boucher | Antigonish. |
| 255-Mr. Alex. Joseph LeBlan | Margaree Forks |  |
| 256-Miss Evelyn Maud Sch | Canning. | Richmond. |
| 257-Miss Mary Sutherland | Soldier's | Richmond. Hants. |
| 258-Miss Helen Willena Stephens | Tenecap | Hants. |
| 259-Miss Florence Emma Smith | Nopper field...... | Kings. |
| ${ }_{261} 6$-Miss Margaret H. F. | Enfield | Hants. |
| ${ }_{262-M i s s ~ M a r y ~ B . ~ W e b b ~}^{\text {2-M }}$ | Harve Boucher | Antigonish. |
| 263-Miss Mary Jessie Rankin | Port Ban | Inverness. |
| 264-Miss Azul G. Smith. | Lockeport | elburne. |
| 265-Miss Bessie Vonetta Spinn | Gr | ng. |

Rural Science School, Truro, N. S., (12 July, 1916 to 10 August. 1916).

| 266-Miss Margaret Susanne Mart | .Mira Gut................ . Cape Breton. |
| :---: | :---: |
| 267-Miss Alberta Maude Fletcher | Glenholme..... . . . . . . . Colchester. |
| 268-Miss Mary Edith Smith | Glenholme. . . . . . . . . . . . Colchester. |
| 269-Miss Laura Idaline Bowlby | Paradise. . . . . . . . . . . . . Anna |
| 270-Miss Muriel Geddie Mathes | Mea |

# 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 iwo 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 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 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. Frec 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.

Drowing:-Daily. Stick-laying and drawing the designs thus formed. Drawing to illustrate language and nature lessons. Simple drawings in fat 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 developerl from objects. Units, tens and hundreds developed. Addition, substraction, 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 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 hard 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, distances, weights, time, etc.: dollars and centso (N.S. Com. School A rithmelic 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 ant bulbs. Observing buds and blossoms dispersal of seeds. Evergreen trees, concs, etc. Weeds injurious to farmers. Life history of one otc. two insects, as the housefly, cabbage worm, currant worm, potato buga ling 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 3. Grudes $V$ and $V I$.
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. Bouyancy 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 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. Sourth Book. Critical study of passages read. Memorixing of 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. of sentend clause functioning as noun, adjective and adverb. Different kinds Grammar (Es, paragraph, figures of speech. Text: Goggin's New Elementary mar (Educ. Book Co.).

[^6]Drawing:-Practise in perspective as in Class 3. Drawings from natural objects, Howers, 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 hetter, 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 con notation sufficient to enable them to pupils should be given lessons in musical nonic sol-fa or staff notations. read simple music correctly in either the tonic sol-fa or staf "Sotations.

The "First Music Reader" for Grades some schools regularly before the Grades VI-VIII, having been introduced into some sas authorized; and as soon present texts were prescribed, are to be considered as aun be allowed as alteras an edition sufficiently Canadianized is issued they may be allowed as alter natives for corresponding texts prescribed.]

A specimen of time-table for such a school used to be published from year to year in the "Journal of Education" Teachers desiring such an aid in the preparation of their time-table should turn up the files old "Journals" kept in the school library.

## 222. COUNTY ACADEMY ENTRANCE EXAMINATION, 1917.

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 subiects 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 individ ual 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 examd iner, provided the Reading is passable. (2) Tanguage. (3) Drawing anda, Book-keeping. (4) Geography and History-especially the Geography of as in Africa, Oceania in detail with a review of Canada and History of Canada (a) The Calkin's Brief History of Canada. (5) General Knowledge including ant native five families, Crowfoot, Rose, Heath, Violet and Lily; with the important natain's trees, and the common weeds and ins'ects injurious to agriculture. Weeds."] (b) Elementary Agriculture-"First Year Course" and "Common Weeds.']

The common rocks and minerals of Nova Scotia. (c) A few of the common birds. (d) School Mygiene. (e) Mechanic or Domestic or Rural Science. (f) Music as in Regulations and Physical Training. (6) Mathematics. (See. Reg. 219 , page 219 preceding).

For a pass, $60 \%$ will hence forward be required on both English and Arithmetic. Dictation of memorized literature and correct writing of a list of commonly mis-spelled 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 Pass" in all grades shall be an average of $50 \%$ with no mark below $30 \%$ on a group of six subjects for grades IX, X and XI; and a group of nine papers with no subject below $30 \%$ (in case of two papers an average of $30 \%$ ) for grade XII.
(3) Generally the "Teachers' 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' 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. $\mathrm{P}_{\mathrm{asss}^{\prime \prime}}{ }^{(6)}$ When a candidate wishes to raise a "High School average of at least $60 \%$ on each subject not previously up to ${ }^{t}$ ti $i_{s}$ standard. That is, a "Teachers' 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 gradessary only when a candidate is not writing for
taken taken on the papers of the regular examination.

* (7) The "High School Pass" admits to the corresponding class in the Provincial Normal College, whose faculty can raise it to the "Teachers' Pass" on evidence of improved scholarship without which the Normal diploma cannot be awarded.
(8) Candidates for Grade XII certificates (High School Pass) who fail on account of being too low in not more than two subjects, but who have made the High School 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.
(9) Candidates for Grade XII certificates (High School Pass) who fail on account of being too low in not more than two subjects, but who have made a high school average pass on the other subjecrs and $50 \%$ on English, shall have the privilege of completing the teachers' 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.
(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 Teachers' or a High School 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 other vocations.
"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 sciences 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 their equivalents." Reg. 261 (i) 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.")

## 224.-HIGH SCHOOL PROGRAM.

## For the Year Beginning August, 1916.

(Note.-The prices of the various books may be found in the price list of the Nova Scotia School Book Bureau; see page 233).

## Grade IX.

(English and any other five subjects imperative).

1. English:-(a) Literature:-Ontario High School Reader by Marty (Can. Pub. Co.), from page 169 to the end of book, 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) Gram-mar:- N. S. English Grammar (MacKinlay) except notes and appendix, with easy exercises in parsing and analysis.
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 accurately, giving attention both to quantity and accent, and to read the Latin fluently and intelligently. The various work-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. 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.
6. Algebra:-N.S. High School Algebra (MacMillan), to the end of Chapter X.
7. Drawing:-(a) Morton's Mechanical Drawing (Allen), with the construction of the figures in Euclid, Book 1.
(b) Model and object drawing and Thompson's Manual Training, No. 2 (D. C. Heath).
8. Scfense:-(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:-Brittan'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 "fruitgrowing" 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.]

## 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 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.
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.), lesson I to end of XL.
4. French :-Ontario High School French Grammar, Lessons 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) first 25 exercises, 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. Chemistry:-Evans' Elementary Chemistry for High Schools (Educ. Book Co.), omitting Chapter XV.
[Note. Physics will be substituted for Chemistry for the year beginning August, 1917: Physics:-Elementary Physics for High Schools by Merchant and Chant (Copp, Clark), omitting Parts VII and VIII.]
8. Arithmetic:-Academic Arithmetic complete.
9. Algebra:-Hall \& Knight's Elementary Algebra (MacMillan), Chapters XV to end of XXV, omitting examples XVI (e), XVIII (b), XXIII (b), XXIII (c).
[For 1917-18 N. S. High School Algebra, Chapters XI to XIX 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 writng: Stevenson's Kidnapped (Cassell).
2. Latin:-(a) Grammar and easy composition partly based on prose Authors read. (b) Caesar's DeBelloGallico, 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 lesson 44, with Buchheim's Modern German Reader, Part I, complete. Review of Grade X German.
6. History:-Myers' A Short History of Ancient Times (Ginn \& Co.)
7. Physics:-Ontario High School Physics, Parts I, II; III, IV, and VI. The Laboratory Manual in the teachers' hands only.
[Note. Chemistry will be substituted for Physics for the year beginning August, 1917: Chemistry:-Evans' Element lry Chemistry for High Schools (Educ. Book Co.) omitting pages 171 to 186 inclusive.]
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 of the complete text.

## Grade XII.

(Leaving Examination).
INine papers out of fifteen on the following twelve subjects consitute a full course. The following subjects are im-perative:-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 (Teachers' Pass) or 60 (H. S. 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:-Gwynn's Masters of English Literature (MacMillan), or Pancoast and Shelley's First Book in English Literature (Holt).
[After July 1917, Pancoast and Shelley's text alone.]
(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) With 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 "Christopherson."
2. Latin (Two papers) :-(a) D'Ooges' Latin Prose Composition, Part $I$, lessons 47 to 85 . Sight Translation. 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 system. atic 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.
[Note. For 1917-18 Caesar's DeBello Gallico, Book IV may be replaced by another author.]
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. Poirier 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, of the complete text.
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 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. | or Sessions Pass week. Mark. |
| :---: | :---: | :---: |
| Double Entry Bookkeeping | . (Kaulback \& Shurman's) . . 2 sessions . | sions . . . . $60 \mathrm{p} . \mathrm{c}$. |
| Commercial Correspondence | ( (E. Werner's)............. 1 period. | riod. . . . . 60 p. c. |
| Commercial Law....... | (Wm. H. Anger's) . . . . . . . 1 period. | riod. . . . . 60 p. c. |
| Penmanship..... | (C. C. Lister's) ..... . . . . . . 2 periods. | riods . . . . 75 p. c. |
| Shorthand. | (Isaac Pitman's) . . . . . . . . . . 5 periods $\left\{\begin{array}{l}\because \\ 810 \\ \text { per }\end{array}\right.$ | $\left\{\begin{array}{l} \ddot{8} 100 \text { pords } \\ \text { per minute. } \end{array}\right.$ |
| Typewriting. | $\text { (A. J. Barnes') . . } 10 \text { periods }\left\{\begin{array}{l} \text { Tabular, } \\ \text { Speed, } 35 \\ \text { per min. } \end{array}\right.$ | (Tabular, 75 p.c. <br> $\{$ Speed, 35 words per min. |
| Political Economy . . | ```...(Jevon's Primer-Fawcett's for reference).. . . . . . . 1 session. .``` | session. . 60 p.c. |

A period is 45 minutes, a session at least one hour.

## 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 bcoks 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, 1916.

## BOOKS PRESCRIBED FOR COMMON SCHOOL GRADES.

List Price. N. S. Primer, Grade I., [July, 1919]
06
06
N. S. Reader No. I, Grade II
N. S. Reader No. I, Grade II ..... 08
N. S. Reader No. II, Grades III \& IV .....
11 .....
11
N. S. Reader No. III, Grades V \& VI
N. S. Reader No. III, Grades V \& VI
16
16
N. S. Reader No. IV, Grades VII \& VIII
N. S. Reader No. IV, Grades VII \& VIII
18
18
Acadian Reader No. I, Part I, Grade I
Acadian Reader No. I, Part I, Grade I
07
07
". " No. I, Part II, Grade I . .
07
07
" " No. II, Grade II ..... 20 ..... 20
" " No. III, Grade III ..... 30
No. IV, Grade IV ..... 35
N. S. Common School Arithmetic, Grades III to VIII ..... 40
Marshall's Bookkeeping, Grade VIII ..... 18
Goggin's Elementary Grammar, Grades Vil \& VIII ..... 12 ..... 12
Ontario P. S. Composition, Grades VII \& VIII
15
15
Ontario P. S. Hygiene, Grades V to VIII
Ontario P. S. Hygiene, Grades V to VIII
20
20
Calkin's Brief History of Canada, Grades V to VIII
Calkin's Brief History of Canada, Grades V to VIII .....
25 .....
25 ..... 15
Brief History of England, Grades VI to VIII
Brief History of England, Grades VI to VIII
Royal Crown Copy Books 1 to 12, Graded Series
Royal Crown Copy Books 1 to 12, Graded Series ..... 60 ..... 60 ..... 05
Augsburg's Drawing Books 1 to 8 Graded Series
Augsburg's Drawing Books 1 to 8 Graded Series ..... 10
Prang'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-....... (each) ..... 12
The Common School Book of Music for Miscellaneous Schools (Staff)
The Common School Book of Music for Miscellaneous Schools (Staff) ..... 10 ..... 10
The New P. S. Music Course, (Staff notation) Graded Series Book I ..... 40
Book II ..... 20
Book III ..... 25
Book IV ..... 30
Book V (F. Clef) ..... 30
Book V (G. Clef) Mixed Classes ..... 30
For Teachers' Use.
Primary Reading Manual
Arithmetic Manual ..... 26 ..... 26
Reading Manual with Readers II, III \& IV
Reading Manual with Readers II, III \& IV ..... 13 ..... 1330
Composition and Spelling Manual ..... 20
Syllabus of Physical Exercises ..... 21 ..... 21
Song Teacher's Guide ..... 25
Augsburg's Drawing Manuals, Books I, II \& III .....  30 .....  30
Common School Course of Study (Hand Book) ..... 75 ..... 75
Manual of School Law (1911) ..... 10
Journal of Education (Semi-annual) ..... 10
Rrittain's Elementary Agriculture \& Nature Study, M. P. Edition ..... 75
BOOKS PRESCRIBED FOR HIGH SCHOOL GRADES.
Ontario High School Reader, Grades IX \& X [July, 1918]
40
40
Ontario High School Composition, Grades IX \& X \{July, 1920] .....
18 .....
18 ..... 23
N. S. English Grammar, Grades IX \& X
N. S. English Grammar, Grades IX \& X
Elliot's Silas Marner, Grade X
25
25
Macaulay's Life of Johnson, Grade XI
25
25
Meiklejohn's Outline of History of English Literature, Grade XI ..... 35
Shakespear's Julius Caesar, Grade XI
25
25
Stevenson's Kidnapped, Grade XI
Stevenson's Kidnapped, Grade XI ..... 20 ..... 20
Shakespear's Merchant of Venice, Grade XII ..... 25 .....
40 .....
40 ..... 25
Stevenson's Master of Ballantrae, Grade XII
Stevenson's Master of Ballantrae, Grade XII
Milton's Paradise Lost, Books $1 \& 2$, (one vol.) Grade XII
Milton's Paradise Lost, Books $1 \& 2$, (one vol.) Grade XII
List Price.
15
Jeffries' Longer Narrative Poems, Grade XII ..... 25
Selected English Short Stories, Grade XII ..... 25
Selected, Speeches on Foreign Plish, Grade XII ..... 1.00
Pancoast \& Shelley's First Book of English Literature, Grade XII ..... 1.25
Ontario High School Latin Book, Grades IX, X \& XI ..... 60
D'Ooge's Latin Composition, Part I, Grades XI \& XII ..... 50
Caesar's Gallic War Book I,' Grade XI ..... 30 ..... 30 ..... 30 ..... 30 ..... 30
Book 4, Grade XII
Book 4, Grade XII ..... 20
Vergil's Aeneid, Book 1, Grade XI. ..... 30
Book 2, Grade XII ..... 1.25
White's First Greek Book, Grades X, XI \& XII
30
30
Xenophon's Anabasis, Book 1, Grade XI .....
30 .....
30 ..... 30
Book 2, Grade XII
Book 2, Grade XII
Book 3, Grade XII
Book 3, Grade XII
60
60 ..... 40
Bertenshaw's First Conv. French Reader, Grades IX \& X ..... 60 ..... 35
Berthon's Specimens of hemins, Grade XII
Berthon's Specimens of hemins, Grade XII ..... 50
Corneille's Polyeucte, Grade XII
Corneille's Polyeucte, Grade XII Augier's \& Sandeau's Le Gendre de M. Poirier, Grade XII ..... 20
Joynes-Meissner's German Grammar, Grades X, XI \& XII ..... 1.15 ..... 50
Bucheim's Mordern German Reader Part I, Grade XI
Bucheim's Mordern German Reader Part I, Grade XI "، " Part II, Grade XII ..... 50
Schiller's Wilhelm Tell, Grade XII ..... 30
Kennedy \& O'Hearn's Academic Arithmetic, Grades IX \& X ..... 50
N. S. High School Algebra, Grade IX
75
75
Hall \& Knight's Elem. Algebra, Grades X \& XI .....
90 .....
90
Hall \& Knight's Sen. Matr. Agebra, Gra ..... 40 ..... 25
Thompson's Manual Training, No. 2, 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, I to IV, Grades X \& XI ..... 65 ..... 65
Hall \& Steven's School Geometry, IV to VI, Grade XII ..... 60
Hall \& Steven's School Geometry Complete, Grades X, XI \& XII ..... 75 ..... 80
Murray's Essentials of Trigonometry and Mensuration, Grade Xl
Murray's Essentials of Trigonometry and Mensuration, Grade Xl
Murray's Plane \& Sperical Trigonometry, Grade XII ..... 1.20
Ontario High School Physics, Grades XI \& XII ..... 90
Evans' Elem. Chemistry for High School, Grade X ..... 50
Newell's General Chemistry, Complete, Grade XII ..... 1.20
Brittain's Elem. Agriculture and Nature Study, M. P. Edition, Grade IX. ..... 75
Bailey's Beginners' Botany, Grade IX ..... 50
Bergen \& Davis' Botany, Grade XII ..... 1.50
Ontario High School History of England, Grade X ..... 65
Myers' Short History of Ancient Times, Grades XI ..... 1.10
Myers' Med \& Mod. History, Grade XII ..... 1.10
Myers ${ }^{\prime}$ General History (the two texts for Grades XI \& XII in one vol.) ..... 1.50Calkin's General Geography, Grade IX90
For Teachers' Use:-
Literature Manual ..... 15 ..... 15
Canadian Civics, N. S. Edition ..... 35
Ont. H. S. Physics Lab. Manual ..... 1.00
Calkin's Notes on Education ..... 1.00
Lyster's Hygiene \& Temperance ..... 1.25
Munro's Brief Course in History of Education ..... 1.00
Fitch's Lectures on Teaching ..... 125Bagley'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, and which also in the majority of cases will be lower than heretofore.

All books prescribed for both the common and high school grades, as well as the books necessary for the M. P. Q. examinnations, 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. 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 proportion of postage per copy necessary on small orders is also given.

The Bureau will supply its books to any person, dealer or otherwise who remits the necessary amount with his order, which order 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.

## IMPORTANT.-TO TRUSTEES AND TEACHERS.

All of the texts mentioned in the foregoing lists are kept in stock by the Nova Scotia School Book Bureau. 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 transporation charges under the following condi-
tions. 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.

The Bureau will however, always pay the "freight" equivalent on any order of $\$ 3.00$ and over received from teachers and trustees as above, if shipment is demanded to go forward by Express or other more costly conveyance. 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 possage per copy as on price list of the Bureau; when ordered to be sent by other conveyance full transportation charges must be borne by purchaser.

The prices with proportion of postage per copy necessary are given in the price list of the Nova Scotia School Book Bureau published in the Journal for April, 1916. The two manuals for teachers, just published, Literature and Composition may be obtained by teachers from the Bureau by sending in the list price plus .04 c . each for proportion of postage necessary.

## NEW BOOKS.

List of Books received at Education Office and by the Advisory Board, since publication of the Journal of Education, April, 1916.

## J. M. DENT AND SONS, LIMITED, LONDON, ENGLAND.

A Chant of Love for England and other Poems, by Helen Gray Cone, 1915, pp. $103,5 \times 7 \frac{1}{2}, 2 / 6$.

A Shori History of lhe English People, by John Richard Green, Vol. I, pp. 430, $4 \frac{1}{2} \times 6 \frac{3}{2}, 35 \mathrm{c}$.

A Short History of the English People, by John Richard Green, Vol. II, pp. 874 $4 \frac{1}{2} \times 6 \frac{3}{3}, 35 \mathrm{c}$.
The Story of the Merchant of Venice by Alice Spencer Hoffman, pp. 91, $4 \frac{1}{3} \times 5 \frac{1}{2}$, 1/6.

Richard II, by W. Keith Leask, M. A., 4 \}x7, $1 / 4$.
Erelina, by Fanny Burney, pp. 512, $4 \frac{1}{2} \times 7,35$ cents.

The Child, His Nature and Nuture by W. B. Drummond, 1915, pp. 223, $5 \frac{1}{4} \times 7 \frac{1}{4}, 2 / 6$.

Schools of Tomorrove, by John \& Evelyn Dewey, 5/
The New Europe, by Arnold J. Toynbee, 1/6.

## GEORGE J. McLEOD, LTD., TORONTO.

Country I.ife Reader, by A. J. Stevenson, M. A., pp. 418, $5 \frac{1}{4} \times 7 \frac{1}{2}$, 60 cents. THOMAS NELSON \& SONS, LIMITED, EDINRURG, SCOTLAND.
Crown Phonic Primer, Part I, pp. 64, 51 $\mathrm{\frac{1}{2}} \mathrm{\times 7,15} \mathrm{cents}$.

## OXFORD UNIVERSITY PRESS, TORONTO.

Caesar in Britain, by T. Rice Holmes, $160,5 \times 7 \frac{1}{4}, 15$ cents.
Virgil Aeneid I, by C. S. Jerram, M. A., 1916, pp. $72,4 \frac{1}{3} \times 6 \frac{1}{2}, 15$ cents.
CAMBRIDGE UNIVERSITY PRESS, LONDON, ENGLAND.
(Henry Button, Toronto, Agent in Canada.)
Geographical Readers, VI, pp. 229, $5 \frac{1}{2} \times 7 \frac{3}{4}$.
King Henry IV, Part I, by J. H. Lobban, M. A., 1910. pp. 172, $4 \times 6$.
Julius Caesar, by G. S. Gordon, M. A., pp. 75, $5 \times 7 \frac{1}{2}$.
Macaulay's Essay on Johnson, pp. 55, $4 \times 6 \frac{3}{4}$.

## CASSELL \& COMPANY, LIMITED, TORONTO.

The Citizen Reader, by The Right Hon. H. O. Arnold Foster, pp. 224, $54 \times 7,1 / 6$. The Children's England, by Mrs. Ernest Rhys, pp. 216, $5 \frac{1}{4} \times 7,1 / 6$.
Founders of the Empire, by Phillip Gibbs, pp. 256, $5 \times 7$.
The Schoolmaster, by Roger Ascham, 1909, pp. 192, $4 \frac{1}{4} \times 6 \frac{1}{4}$.
1/6, pp. 238, 50f Every-Day Life, by The Right Hon. H. O. Arnold Foster,
A School Hisiory of England, by Ira Craig-Knox, pp. 290, $44 \times 6 \frac{1}{3}$.
Makers of History, by A. E. McKilliam, M. A., pp. 158, $5 \times 7$.

## COPP CLARK CO., LIMITED.

Literature Manual, 15 cents.
Composition and Spelling Manual, 21 cents.
Household Management, 19 cents.

## EDWARD ARNOLD, LONDON, ENGLAND.

A Social and Industrial History of England, Book I, by F. W. Teckner, M. A., pp. 216, $5 \times 7 \frac{1}{2}$, price $1 / 6$.

A Social and Industrial History of England, Book II, by F. W. Teckner, M. A., pp. $444,5 \times 7$ 3, price $1 / 6$.

A Social and Industrial History of England, Book III, by F. W. Teckner, M. A., pp. $684,5 \times 7 \frac{1}{2}$, price $1 / 6$.

## G. BELL AND SONS, LIMITED.

Select Prose Works, by John Dryden, 1916, pp. 126, $4 \frac{1}{4} \times 6 \frac{1}{2}$.
King Richard III, by S. P. B. Mais, M. A., 1916, pp. 152, $4 \frac{1}{4} \times 6 \frac{3}{3}$.
King Henry V, by S. P. B. Mais, M. A. 1916, pp. $144,4 \frac{1}{2} 6 \frac{3}{3}$.
Romeo and Juliet, by S. P. B. Mais, M. A., 1916, pp. 134, 4jx6?
Spencer's Faerie Queen, Book V, 1916, pp. 150, $4 \frac{1}{2} \times 6 \frac{1}{2}$.

## A. \& C. BLACK, LIMITED, LONDON, ENGLAND.

America in Pictures, by H. C. Barnard, M. A., 1916, pp. 64, $7 \frac{1}{2} \times 9$ : Price $1 / 6$.
The World, by J. B. Reynolds, B. A., 1916, pp. 279, $4 \frac{1}{2} \times 7$, price $3 / 6$.

The following books are recommended for School Libraries and for supplementary reading:-
henry button, toronto, Canadian Agent for J. M.
Dent \& Son and Cambridge University Press, London.
Schools of Tomorrow, by John \& Evelyn Dewey, 5/.

## EDWARD ARNOLD, LONDON.

Social and Industrial History of England, in three vols., by F. W. Teckner, each $1 / 6$.

## A. \& C. BLACK, LONDON.

America in Pictures, by H. Clyde Barnard, 1/6.
CASSELL \& COMPANY, LONDON \& TORONTO.
Makers of History, by A. McKilliam.
Founders of the Empire, by Phillip Gibbs, (Of special excellence).
The Citizen Reader, by E. O. Arnold-Foster, $1 / 6$.
The Laws of Every-day Life, by E. O. Anrold-Foster, 1/6.
The Children's England, by Ernest Rhys, 1/6.
GEO. J. MacLEOD, LIMITED, TORONTO.
Country Life Reader, by O. J. Stevenson, 60 cents.
COPP CLARK COMPANY, TORONTO.
Houschold Management (Ontario Teachers' Manuals), 19 cents.

Country Life Reader referred to above, is the first fair attempt to adapt school reading to glorify life on the farm.

Dodd, Mead and Company, of New York, have done a great public service in getting out good translations of the entomological writings of the most graphic description of insects and their ways, the late J. Henri Fabre of France. The Spider, Fly, etc., are is equal to the best romance, while they give a hint to the reader how he can observe and how he may write his observations interestingly.

## Extracts from the Reports on the Provincial Examinations, 1916.

Professor John Waddell, B. A. (Dal.), B. Sc. (Lon.), Ph. D. (Heidelberg), D. Sc. (Edin.), on the Science Examinations of 1916.

As in former years, I wish to report upon certain features in connexion with the Examinations of last June and to make comments suggested by the reading of the papers.

## Grade XII.

In the Botany of Grade XII this year a larger number than last year made $80 \%$ or over, and there were about the same proportion in each year that made $50 \%$ or over. The laboratory work is still not well described. There was little or nothing to show that what was described as done in the laboratory had not been merely learned from the text book; there was little of the personal element, little to show that the candidate had gained much by personal contact with the material described.

In Physics only four out of 111 worked correctly the first question involving a knowledge of units and the principles of dynamics. Fifteen candidates obtained correct answers to the second question which was on specific gravity. Candidate No. 4 of Station C., No. 9 of Station PP. and No. 4 of Station CCC had the right solution of both questions, one of these candidates got $82 \%$ and one $92 \%$ on the whole paper.

## Grade XI.

In Grade XI Physics there were three questions on matters that I took up in my report of last year and on which I tried to give teachers some help. Nearly $40 \%$ of the candidates got full marks for the question on specific gravity, and about $12 \%$ got full marks on the question about the cannon ball moving down an inclined plane. I find that some teachers considered the question involving units to be easy, while objecting to the one on specific gravity as too mature. Others had the converse opinion. This favors my view that neither question is
too mature for pupils of this grade, but that both require care on the part of the teacher, and both need time for pupils to assimilate the ideas. When pupils have assimilated the ideas, when their reasoning powers are developed by exercise on such problems, they have attained a position with regard to physics and indeed all scientific subjects, vastly superior to that of the individual who substitutes numbers for letters in a formula and does not know the significance of the numerical answer that he obtains.

The third question, involving the drawing of the parallelogram and of the triangle of forces was not well done and calls for special mention. Out of the 599 candidates for whom the record was kept, and who I judge gave a fair average for the whole, only 67 had the work completely correct, and of these thirteen were from Station EEE, and nine from Station AA. Full marks were given only to those who drew both the paraHelogram and the triangle, correctly indicating the direction of the component and resultant forces by arrows, and giving the units as dynes. I think there must have been three quarters of those who were incorrect that got different answers according as they used the parallelogram or the triangle. Most of them got the correct answers, a little more than 17 dynes, for the parellelogram, and only 10 dynes for the triangle. I fear that teachers sometimes misguided their pupils. One candidate told me what his teacher said, and if he represented him correctly the teacher was certainly wrong. I shall therefore enlarge on what I wrote last year, and I hope that all who are interested either in teaching or learning this subject will get some help.

It may be worth while to point out that a line has direction and length or magnitude, and that anything that has just these characteristics may be represented by a line. This is the case among other things, with velocities, accelerations, and forces. Now it was pointed out last year that while the parallelogram R presents velocities, accelerations or forces as acting concurrently, the triangle represents them as acting consecutively. Let us apply this principle to Question 3, where we are given that two forces of ten dynes each act on the point A. Since the forces act consecutively we must allow one force to act first. This may be represented by the line $A B$ as in Fig. 24, page 30 of the text book. This figure does not exactly represent the conditions of the question, for BD should equal AB in length, but I do not think a special figure is necessary. Let it be assumed that when the action of the force $A B$ has carried the body to the point $B$, its effect suddenly ceases and the second force of ten dynes comes into play. As this force is inclined at an angle of $60^{\circ}$ the direction of the moving body will be
changed by $60^{\circ}$ and is along the line BD . Now it is evident that the angle ABD cannot be $60^{\circ}$ but two right angles minus $60^{\circ}$. The direction BD is indicated by an arrow pointing towards $D$. Now we started at $A$ and have got to $D$; the resultant motion, and therefore the resultantforce, is AD with the arrow pointing towards $D$. Since the arrows in the figures given by candidates so frequently pointed in the wrong direction I emphasize this matter. It must surely be evident to any one that thinks about it, that if the force acts along AB with the arrow pointing towards B , and then along BD with the arrow pointing towards D , the resultant must be along AD with the arrow pointing towards D. It could not pessibly be DA, with the arrow pointing towards A. Nobody would make the mistake in practise, nobody would expect a wagon to go backwards while the horses were pulling on the traces unless some force greater than the horses were pulling the other way. Teachers should practise their pupils in drawing figures representing velocities, forces and accelerations; and insist that the arrows are pointed correctly. Make them see that the diagram must correspond to the facts not the facts to the diagram. This case in which so many got twg resultants, namely ten dynes and seventeen dynes, is similar to the case of a man who calculated in one way that he would need two horses to draw a load, and calculated in another way that he would need three horses. He would at once conclude that he must have made some mistake. Or suppose a merchant, calculating in one way decides that he must sell a certain piece of cloth at twenty cents a yard in order not to lose money, and calculating in another way finds that he need charge only fifteen cents a yard, he would be sure that one, if not both the calculations were wrong. So any candidate getting the two answers 17 and 10 should at once have known that something was wrong, and might then have tried to find where the error lay.

Teachers and candidates should not only study carefully what I have written here and in the Journal of Oct., 1915, but also the text book, and they should work all the problems given there and should manufacture others. The attempt to make problems, especially such as might occur in ordinary experience with boats and wagons and automobiles and railway cars, would have great educative value.

Questions have been for so many years asked on Specific Gravity and the use of dynamic units, that candidates in Grade XI should be able to do questions such as have been given even in Grade XII; and candidates for this examination should try all the questions they can find no matter in what grade or in
what text book. Nor should Grade XII candidates disdain question given in Grade XI. The Grade XII examinations cover what has been already taken up in Grade XI as well as the additional matter of Light, Sound and Electricity.

I would especially urge upon teachers the necessity for getting their pupils to think accurately, and would urge that they make certain that they themselves thoroly grasp the principles involved. Always test the answers obtained by common sense. Questions on latent or specific heat may afford opportunities for the exercise of common sense, and candidates in both Grade XI and Grade XII should study these subjects with this in view.

## Grade X.

Of the Chemistry in Grade X there is not much to say. From the same number of candidates as last year, there were nearly a hundred more who got $50 \%$ or over and the number who got $80 \%$ or over was larger than last year. The second question involving the weights and volumes of gases was pretty well answered. In the third question, one of the alternatives was a little more difficult application of the principles involved in the second. This alternative was not attempted by many, and was accurately worked by still fewer. Since some teachers may have difficulty with it and since those who tried it may wish to learn one correct solution, I shall explain it.

The question was "Suppose it were true, which it is not, that 4 grams of hydrogen uniting with 142 grams of chlorine ( $\mathrm{Cl}=35.5$ ) give 22.412 liters of hydrochloric acid, write the equation for the reaction telling what volumes of hydrogen and chlorine are represented as taking part."

The second question should have aided in working this question. In it, HBr is given as the formula for hydrobromic acid and $\mathrm{H}_{2} \mathrm{~F}_{2}$ as the formula for hydrofluoric acid. The formula of a gas always represents 22.412 liters, therefore 22.412 liters of hydrobromic contain one gram of hydrogen represented by H and 80 grams of bromine represented by Br . $\mathrm{H}_{2} \mathrm{~F}_{2}$ being the formula of hydrofluoric acid, represents that 22.412 liters of that gas contains two grams of hydrogen represented by $\mathrm{H}_{2}$ and 38 grams of fluorine represented by $\mathrm{F}_{2}$.

Now the only condition in the assumed case of hydrochloric acid in the question, is that 22.412 liters shall contain 4 grams of hydrogen and 142 grams of chlorine (which is 4 times 35.5 ). The formula must therefore have 4 H 's and 4 Cl 's and is therefore $\mathrm{H}_{4} \mathrm{Cl}_{4}$. It must be emphasized that $\mathrm{H}_{4} \mathrm{Cl}_{4}$ while
representing the same weight as 4 HCl represents a different volume since $\mathrm{H}_{4} \mathrm{Cl}_{4}$ represents 22.412 liters and 4 HCl would represent $4 \times 22.412$ liters. Any of the following equations would represent the conditions assumed

> Or
$\mathrm{H}_{4}+\mathrm{Cl}_{4}=\mathrm{H}_{4} \mathrm{Cl}_{4}$
Or $\quad 4 \mathrm{H}+4 \mathrm{Cl}=\mathrm{H}_{4} \mathrm{Cl}_{4}$
The first equation represents the volume of hydrogen and of chlorine as equal to that of the hydrochloric acid produced, the second that each of the component gases has double the volume of the product, the third that each of the component gases has four times the volume of the product. None of these assumptions is true, so none of the equations represent the the fact. The fact is that the volume of the hydrogen and of the chlorine is each one half that of the hydrochloric acid produced, which contains only one gram of hydrogen in 22.412 liters. The correct equation for the real facts, not for the assumptions in the question, is therefore $\mathrm{H}_{2}+\mathrm{Cl}_{2}=2 \mathrm{HCl}$.

It seems difficult to get candidates to appreciate the character of the last question which asked for a short essay on any chemical subject not already discussed. It would appear that many candidates expecting some such question try to learn in fifteen minutes what they think will be a suitable answer. This is impossible. The question is intended to show how well the candidate can master a chemical subject on which he puts special attention or in which he had special interest. It stands to reason then that an answer which would be considered incomplete for another question would be considered still less complete for this. For example, if in one question the preparation and properties of nitro oxide are asked it is not likely that full marks would be given in the eighth question for the preparation of acetylene or hydrogen phosphide, unless the details were exceedingly well given with drawings, etc., and with special discussion of the chemical processes involved. If the examiner judged from the description given that the candidate did not describe the properties because he had not time, but that he knew them thoroly, full marks might be given. In fact the examiner wishes to test the candidate's chemical training, and appreciation of chemical principles and ideas and to give to the candidate who by chance may not have fully studied the particular question asked, an opportunity to show what he is at his best. For the candidate who was writing a supplementary examination and therefore required to make $60 \%$ to try to pass off as an answer to this question,
the preparation of oxygen or hydrogen which is usually one of the first things taken up in Chemistry was very foolish and had to be valued accordingly.

## Grade IX.

A similar remark applies to Grade IX. In answer to the question to describe some experiment in light, sound, or electricity, it was not uncommon for the candidate to say simply that if a cannon were fired at a distance you would see the flash before you heard the sound which proved that light travelled more rapidly than sound. Most of the candidates stıpulated that a cannon ball be fired, and if all the cannon balls fired between the hours of three and five on the afternoon of June 28 th had taken effect the strongest fort in Canada would have crumbled to dust.

Most, if not all of the pupils in Grade VII knew as much as I was told by these candidates in Grade IX, and such answers do not show any competence on the part of the candidate and did not deserve any marks, altho I found it necessary to give some. If the candidate had arranged the experiment so that the distance between two places was measured and one person at one place had fired a gun, and another at the other place had timed the interval between the flash and the report and so calculated the velocity of sound, the answer would have shown thought and would have been of some value for the grade. It may be that no such question will be asked next year but if there is I shall not expect any candidate to take this particular experiment because it would not indicate any more study than is required in reading the last few sentences and the question has in view the testing of real study.

It has been suggested by some that the instructions given at the beginning of the papers in Grades IX and X are too full, and take up the time of the candidate and perhaps confuse him. These instructions are the outgrowth of experience and have been framed to provide against errors into which candidates were found to fall, and these errors have been largely avoided of late years. Moreover the instructions are much the same from year to year, and I have frequently urged that teachers should drill their pupils on old examination papers, and in this way the candidate when writing should be familiar with the greater part of the instructions, and should need only a minute or two to find out whether there is anything new.

## Important.

I find that there are candidates even in Grade XII that do not know of my article in the October Journal of past years. The interest that I have in trying to improve the teaching of science in the schools of Nova Scotia largely counteracts the tedium of examining paper after paper for so many hours each day. As I read the answers and see the difficulties of the examinee I make plans for helping the candidates of the following year and for helping the teachers in preparing them, and so I have written year after year in the Journals what I trust will be of service. These articles, I know have helped many, but there are a number whom they should help who never read them. May I ask all inspectors to bring to the personal attention of all teachers of High School work of any grade these articles that I have written and urge them not only to read them themselves but to impress upon every candidate in their school the importance of carefully studying them, and to use old examination papers in order to test how far they are following along the correct line.

Doubtless my long connexion with Education in Nova Scotia has increased my interest. It is not merely as an examiner for a number of years that I am interested. My education up to the age of twenty-one was in NovaScotia. I have undergone the examinations of all the grades from $D$ to $A$. I have taught two years and a half in the public schools of Nova Scotia, and my residence in other places has made me all the more anxious to see Nova Scotia take the highest possible position in Science as well as in other departments.

## Rev. Dr. C. E. Willets on the English of Grades XII, XI and X.

In my reports on the individual papers of candidates who had applied for re-examination I had occasionally mentioned the fact that there was evidence of "cramming."

In the grade " $B$ " papers of this year evidence of this pernicious practise is much more marked, and far more general, and I therefore think it desirable to call more particular attention to it.

Perhaps it will be well at the same time to refer briefly to the work of the other two grades, " A " and " C ".

Altho there are some very good papers in this year's grade "A" I was under the impression whilst examining them, that taking them as a whole, they are scarcely equal to those of the last year or two. The papers of not a few candidates who obtained very fair, and in some instances good marks, were not in their general character up to the "A" standard.

Some papers were very poor, and would not, I think pass muster in grade "C" or even perhaps grade "D."

I was surprised at the writers venturing to value the " A " work, and could only account for their having done so on the supposition that they were proficient in other branches, and English being compulsory, were trying for a pass.

One candidate accounts for the similarity between the English and German languages on the ground that "They are both founded on the Latin, and are compounded of the French and Saxon tongues." Another says that Milton describes Satan (often "Satin," sometimes "Saten") as having a big body totally black in color, and represents him as having two horns, one on either side of the head. Grade " A " candidates are not children, and should be above writing such nonsense. A very large number of papers in grade " B ", show what I cannot but look upon as the consequence of cramming up the work, especially "Meiklejohn" and Macaulay's" Johnson", just before the examination. Milton, Dryden, Gibbon and in a less degree Johnson and Longfellow are confused with all sorts of authors from John Gower, on: e. g. "Milton is the Poet's Poet, he was educated privately, also at several public schools." He received his college training at Oxford, Cambridge and London, Edinburg, and quite frequently, at Cambridge College (often Colledge), Oxford. He was consigned to prison by a large number of candidates, sometimes for violating the Conventicle (often Conventical) Act, sometimes without any given reason. Queen Elizabeth called him her "Little Lord Keeper" and conferred titles on him. He was also a contemporary of Johnson in the nineteenth century, and at one time he was ambassador in Australia, but he never visited the scene of duty.

Some of the many works attributed to him are:-"Vox Clamantis", "The Pickwick Papers," "Pilgrim's Progress," "Holy Living and Holy Dying," "Sketches by Boz", "Confessio Amantis," "David Copperfield," etc., and in order to write his works lie always had a note book known as "Comus."

The subject of "Paradise Lost" is a combat between two churches (apparently confused in a very crude way, with

Dryden's "Hind and Panther.") Dryden was "an imported character," whatever that may mean. He travelled about preaching the gospel, he was burnt at the stake, he was Dean of St. Patrick's in Ireland, etc. Some of his works are said to be "Paradise Lost," "Hudibras," "The Rape of the Lock," "A version of the New Testament," "Reflections on the French Revolution," etc.

Gibbon was a great poet, some of his works being:"Paradise Lost," "Hudibras," "Thoughts on the Present Discontent," "Reflections on the French Revclution," etc.

Johnson, if I remember correctly, is chiefly confused with Bacon and Burke.

He was "a physical child." According to a great many candidates he, was taken to Queen Elizabeth to be "touched" for the "King's evil."

When a boy at home he is said to have found amongst his father's books a copy of "The Lay of the Last Minstrel," and one candidate referring to Johnson's poverty gives the extraordinary piece of information that "he went about without any feet in his shoes."

Longfellow rivals Homer as regards the number of places in which he is said to have been born. He was born in several places in the United States, in London, Edinburg, Dublin and Oxford, in which university he is said to have been a professor. He was also a Canadian. The centuries in which he is said to have lived are about as numerous as the places of his birth, the earliest given being the seventh (possibly a slip for seventeenth which I think is given not infrequently). He is credited with the authorship of "As You Like it," "The Lady of the Lake" and other impossibilities.

These and many other absurdities of like characters occur not only in the papers of candidates who have otherwise done poorly but also in the papers of a large number who have answered other questions well and very intelligently, and woukl have obtained very good marks if they had had a fairly accurate knowledge of "Meiklejohn" and Macaulay's "Johnson."

In answering question five, "What change occurred in Johnson's circumstances in the year 1762 , etc.," a great many go astray. Some begin the answer with such words as, "We didn't have anything to do with dates." And in several cases the answer ends there.

I now come to Grade "C". It is difficult to remember accurately from year to year, but I don't think it is any exaggeration to say that taking them as a whole this year's " C " papers are the best I have had from this grade during the twenty-six years I have acted as provincial examiner. Perhaps it would be better to putit another way and to say that the percentage of good papers amongst this year's "C" papers is considerably higher than that of any previous year. The "C" papers number not far short of two thousand, and in so large a number there cannot fail to be a good many poor ones.

Many candidates come to grief in answering questions six and seven, apparently in consequence of having learnt by heart rules and definitions which they did not clearly understand. Again in answering the latter part of question five, "What are the three cardinal qualities of "Style" in Description? State clearly what is meant by each."-many candidates instead of stating what is meant by each, wrote a page or more of foolscap on the various means by which these qualities are gained. This, of course, is not asked for. On the other hand, a goodly number of candidates answered it admirably in their own language, showing that they thoroly understood what they were writing about.

In examining this year's papers I formed the impression, correctly, I think, that long papers were far more numerous than in previous years. Amongst the " $B$ " papers were a few of from fourteen to sixteen pages and in grade "C" occasionally I came across papers of twelve pages. Those of from eight to ten pages occurred quite frequently, indeed too frequently.

Such long papers are quite unnecessary. As a rule they contain a good deal of irrelevant matter, and are often written in such a way as to make it tedious and sometimes difficult for the examiner to separate the wheat from the chaff, and estimate the value. Candidates cannot be too strongly cautioned against giving information which is not asked for. I will take as an illustration, question eight in the " $B$ " paper. "Describe the siege of the round-house on the brig Covenant." Some begin the answer from the time that Alangets on board the brig, and even further back, and continue the narration up to the beginning of the siege and then dismisses what the question really calls for in a few words, such as, "Alan and David held out against the crew, and were victorious," the answer thus ending just where it should begin.

May I say a few words about applications for re-examinations. The percentage of candidates, who apply for re-examination
is not large, and I think it would be still smaller if some of those who apply had an accurate recollection of what they had written, and would consult their text books before sending in their application.

One does not like to think that any candidates would lead their teachers or their parents to believe that they had done better than the mark would indicate. Yet, assuming that the candidates referred to possess ordinary intelligence, I must frankly say that every year there are applications for re-examinations for which I can account in no other way. I take as an example the grade "A" candidate whose answer about Satan having two horns I have already mentioned. This candidate took the extracts from "Paradise List" given for explanation as extracts from Matthew Arnold's "Sohrab and Rustum" and the paper as a whole was very poor, containing only one answer that could be called really good, the communication from the Education office in reference to this paper says, in part "the candidate's teacher thinks this student should have done better."

I am quite sure that if this student had given the teacher an accurate account of the contents of the paper, there would have been no application for re-examination. I trust I may be permitted to close with a suggestion, namely, that a time limit should be fixed after which no applications for re-examination would be received. I have re-examined papers in October, November, December, January, and in one instance as late as the end of April, or 10 months after the papers were written. I can understand candidates waiting for the re-opening of the schools in September in order that they may consult their teachers before deciding about applying, but I can think of no reason for any further delay.

I would, therefore, venture to suggest that September 30th would be a reasonable date.

## Dr. James Liechti, Examiner in French and German.

I have the honor to submit to you today the detailed report of the Provincial Examinations in Modern languages.

In comparing the Results of the Exams. of 1916 with those of 1915 you will find that considerable improvement has been made this year. The Poor Papers show a decrease of $16 \%$,
the Satisfactory Papers an increase of $9 \%$, and the Very Good Papers an increase of $23 \%$, which is eminently satisfactory.

Grade $B$ makes the best exhibit, namely:

| Very Good Papers | $41 \frac{1}{2} \%$ |  |
| :--- | :--- | ---: |
| Good |  | $34 \frac{1}{4} \%$ |
| Satisfactory | $"$ | $17 \frac{1}{2} \%$ |
| Poor | $"$ | $6 \frac{3}{4} \%$ |

Grade $D$ also has done remarkably well this year, there are: $34 \frac{1}{2} \%$ of Very Good Papers, and $12 \frac{3}{4} \%$ of Poor Papers. In 1915 there were $4 \%$ of Very Good Papers, and $43 \%$ of Poor Papers.

Grade $C$ is the least satisfactory of the various grades, altho it is much better than that of last year, the Grammar and the French and English Composition of the candidates in this grade in a great many sections, leave much to be desired.

The candidates of Grade $D$ invariably answered all the questions very fully and intelligently with comparatively few exceptions. I am pleased to make this statement, and thus to acknowledge my appreciation of the successful efforts of the teaching staffs in Grade $B$ and $D$ particularly.

The number of Papers, this year, was 3344 including 5 University Graduates' Papers. Last year there were 3533 papers in all. Carafulness and accuracy in their writing should be enjoined upon the pupils by their teachers, and carelessness and slovenliness in their work, as exhibited by some candidates should be avoided.

Two candidates made the full number of marks, 100. One in Grade B,Station (E) and one in Grade C, Station (E).

On the whole I am happy to express my satisfaction at the result of the Examinaticns, and at the way the Candidates of the various Grades have performed their work. It will be gratifying to the teachers in the various Grades to learn this fact.

## E. J. Lay, Esq., Examiner in "School Law and Forms" and "History of Education."

While examining the papers on "History of Education" the thought struck me that we might, with advantage, add to the requirements a sketch of that subject in Canada as a whole, and in Nova Scotia.

I think some of our school histories contain the former. I will look that up, and report later. For the latter, could not a brief sketch be given in the Journal? It might contain an outline of condition of schools prior to 1864, the struggle for the change, with what that change meant, adoption of a Course of study, the beginnings of Nature Study, and of Technical, Night and Mining Schools, etc.

It is lamentable to find so many young people attempting to write on a subject of which they know nothing, hoping by a happy guess or actual bluff to win some kind of recognition. It seems to me that some sort of a guarantee should be required from each M. P. Q. applicant, signed by a teacher, to the effect that the applicant has covered the work, or the applicant might be required to make such a declaration before receiving permission to write. Many, I am confident, never read a Journal, or a copy of the School Law.

I found the English very bad in a great many cases, the spelling was fairly good.

It would be a good plan to ask in next paper for a glossary of terms. Such words as "ratepayer," "annuity," "return,", etc. were frequently misapplied. There is still doubt about "Certificate, "Rank," "Class," "License."

In Question 8, School Law and Forms, the requirements for a certificate would embrace, age, character, etc. Second Rank M. P. Q. the same, while license would be dismissed with, perhaps, the aggregate required for a certificate. And this happened in scores of cases.

These things, with many others emphasize what I have already said about the need of insisting on each candidate's assurance that the work has been studied, "poured over," as one writer had it.

In the "History of Education," "Sociological" still proved a stumbling block. Of those who did not know what it really meant, there were about even numbers in favor of socialism on the one side, and the usages of polite society on the other. Technical schools were seldom mentioned.

The words most frequently mis-spelled:- "business," "secretary," "license," "scholar," "college."

## RURAL SCHOOL COMPULSORY ATTENDANCE.

Out of 1796 school sections of Nova Scotia, all the cities and towns have compulsory attendance law in force, and about 1200 rural school sections. But the law for the rural schools has proved to be practically useless for several reasons. One reason is that it merely attempts to scare people by threatening them with a little fine next year if their children do not attend school at least 120 days this year. The law allows them to stay out; and when the day of punishment comes the trustees feel that the Act is penal and not preventive, and seldom have the heart to enforce it.

In the cities and towns Act, as soon as a pupil is noticed to be five days absent, he has to be looked after and kept in attendance. Not a single complaint has come from a city or town of the working of the Act, except in one case, where it is maintained that the children of persons in the British Army should not be exempt. (See Section 4).

## Proposed Rural School Compulsory Attendance Law.

Owing to the lateness of the introduction of the following Bill into the Legislature, and to give school trustees and the general public an opportunity to see if it would be an improvement on the present useless law, it has been left over for consideration next year. It is an effort to apply the effective law for the cities and towns to rural schools. Those approving the bill or objecting to any features of it should send their views to the Superintendent of Education who will have them brought to the attention of the next legislature. The City and Town Act is published in full immediately following this Rural Bill. No. 126. Bill.

An Act to Amend Chapter 4, Acts of 1915, "An Act Respecting Compulsory Attendance at School in Cities and Towns."

BE it enacted by the Governor, Council, and Assembly, as follows:

1. Chapter 4 of the Acts of 1915, "The Cities and Towns Compulsory Attendance Act," is amended by adding thereto the following Part:

## Part II.

"37. This Part shall apply to every school section, not being a city or town, in which a resolution substantially in the form in the schedule to this Part is adopted by a vote of the majority of the qualified voters present at any annual school meeting for such section."

[^7]"39. Where said Part I is made applicable to any school section other than a city or town, the following terms used in said Part shall, in applying the same to a school in which this Part is in force, have the meaning in this section defined,
(a) The expression "The Board" means the school trustees of a school
in which this Part is in force;
(b) The expression "Police Officer" means any municipal constable or special constable appointed by the section for the purpose of enforcing
the provisions of this Act:
(c) The expression "Child" means any boy or girl between the ages of seven and fifteen years, living within a section in which this Part is in
(d) The expression "Street Trade" means any occupation, business, trade or calling requiring the use of the public highways within a section in which this Part is in force;
(e) The expression "City or Town" in section 5 of said Part I means
"School Section." "City or
(f) The expression "Stipendiary Magistrate" means a stipendiary magistrate for the municipality in which is situated a school section in which
"40. When this Part is brought into force in any school section, sections 115 to 119 of Chapter 2 of the Acts of 1911, so far as the same may be applicable

## Schedule to Part II.

"RESOLVED, that the provisions of Part II, of Chapter 4 of the Acts of 1915, respecting Compulsory Attendance at School, be brought into force in this school section No. $\qquad$ in the District of. $\qquad$
2. Where the words "Part I" are used in this Act the expression means Chapter 4 of the Acts of 1915 as the same existed previous to this amending Act.

- By the above proposed amendments of the following excellent law for the Cities and Towns, it is hoped to adapt the Cities and Towns law to the needs of the Rural School sections.


## CHAPTER 4.

## An Act respecting Compulsory Attendance at School in Cities and Towns.

(Passed the 23rd day of April, A. D. 1915).
Be it enacted by the Governor, Council, and Assembly, as follows:-

1. This Act may be cited as "The Cities and Töwns' Compulsory Attendance Act."

## Interpretation.

2. In this Act unless the context otherwise requires-
(a) the expression "child" means any boy or girl between the ages of six and sixteen years living in the city or town;
(b) the expression "parent" means the father of such child, and if the father is dead or absent from the city of town, includes the mother of such child;
(c) the expression "guardian" includes any person acting in loco parentis where the parents of such child are dead, or absent from the city or town, and is not restricted to a testamentary guardian or appointee of a court;
(d) the expression "person having charge" means any person over the age of twenty-one years, with whom such child ordinarily lives or resides, or who controls, or is in a position to control, or assumes to control, or has the apparent charge of, such child;
(e) the expression "the board" means the board of school commissioners for the city or town;
(f) the expression "street trade" means any occupation, business, trade or calling, requiring the use of the streets of a city or town;
(g) the expression "principal" means the teacher, supervisor or other officer having the general supervision of the schools in the city or town;
(h) the expression "stipendiary magistrate" or "magistrate" includes the stipendiary magistrate in and for the city or town, or his lawfully appointed deputy, or a judge of a juvenile or county court;
(i) the expression "officer" means the secretary of the board, supervisor or principal of the school of the city or town, or any other person in the regular employ of the board;
(j) the expression "truant officer" means any person appointed by the board or city council or town council to carry out the provisions of this Act;
(k) the expression "police officer" means any member of the police force of the city or town, or special constable appointed by the city or town, or special constable appointed by the city or town council for the purpose of enforcing the provisions of this Act;
(1) the expression "school hours" means from $9 \mathrm{a} . \mathrm{m}$. to $4 \mathrm{p} . \mathrm{m}$. on school days, or such other regular hours as the public schools are in session by order of the board;
(m) the expression "school days" means the prescribed days.
3. (1) For the purposes of this Act the Board shall approve a private school--
(a) when the instruction given therein includes reading, spelling, writing, English composition, geography and arithmetic; and
(b) such subjects are in the opinion of the Principal, or in case of appeal as hereinafter provided, in the opinion of the Inspector of Schools or Council of Public Instruction as well taught as in the ordinary public schools; and
(c) when such school keeps a register of the attendance in the form and manner as prescribed by the Council of Public Instruction for the public schools; and
(d) furnishes to the Board such reports and returns concerning the studies and attendance of the pupils in such school between the ages of six and sixteen years, as are required for the purpose of carrying out the provisions of this Act.
(2) Where any person interested is dissatisfied with the opinion of the Principal respecting the instruction given in any such school, he shall have the right to appeal to the Inspector of Schools, or to the Council of Public Instruction.
(3) It shall be the duty of the Superintendent of Education to supply such register and blanks as are necessary for the making of returns in compliance with the provisions of this Act.
4. Nothing in the said sections shall apply to the children of persons in the military or naval service of Great Britain
during the time they continue in either of such services while residing in the city or town, nor to the children of persons visiting the city or town and not permanently residing therein.
5. (1) The Board shall, before the first day of September in every year, ascertain the name and age of every child residing in the city or town, and the name of the parent or person in charge of such child and his address, and enter the same on a list.
(2) The Board may appoint a person or persons to make such enumeration, and direct the manner in which the same shall be made and the books in which the same shall be kept.
6. Every person who-
(a) refuses to give to any officer of the Board the name and age of any child living with him; or
(b) gives a false name or age; or
(c) wilfully gives any false information in regard to any matter about which information is required for the purposes of this Act,
shall, for each such offence, be liable to a penalty not exceeding twenty dollars, and in default of payment to imprisonment for a period not exceeding twenty days.
7. (1) Except as is herein otherwise provided, every child shall attend some school during school hours on every day on which such school is open, unless such child is excused from such attendance by the Board upon the presentation to the Board of satisfactory evidence, showing that such child is prevented from attendance upon school, or application to study, by mental, physical, or other good and sufficient reasons.
(2) Any child over twelve years of age who passes a satisfactory examination in grade seven of common school work; or
(3) Any child over thirteen years of age who shall show to the satisfaction of the Board that necessity requires him or her to go to work may be granted by the Board an employment certificate permitting him to be absent from school while actually engaged in some remunerative employment. The person applying to the Board for such certificate for his child shall submit a statement from the prospective employer de-
.scribing the occupation in which the child will be engaged. In engaging such child to work the employer shall acknowledge the receipt from the Board of such employment certificate, and shall return it to the Board within five days after the child leaves his employ, under a penalty of not more than tiwenty dollars. Before engaging in work the child shall be required to obtain from the school medical inspector or other physician approved by the Board a certificate of physical fitness for such work.
8. (1) Every parent or person in charge of any child shall cause such child to attend some school as provided in the next preceding section.
(2) Every parent or person in charge of any child who fails to comply with this section shall be liable to a penalty not exceeding twenty dollars, and in default of payment to imprisonment for a period not exceeding one month; provided, that before any such penalty is incurred, the parent, or other person liable therefor, shall be notified in writing, sent to his or her place of business or residence by the secretary of the Board, of the effect of such non-compliance, and shall have an opportunity by compliance with the requirements of this Act in respect to compulsory attendance to avoid the imposition of such penalty.
(3) The Stipendiary magistrate may impose conditions upon any person found guilty under this section and suspend sentence, subject to such conditions, and upon proof at any time that such conditions have been violated, may pass sentence on such person.
9. (1) Every teacher shall report in writing to the secretary of the Board or principal the name of every child in the school register who has been absent five days without lawful excuse, as soon as such absence has taken place; and shall otherwise assist the officers of the Board when required.
(2) The truant officer shall report to the Secretary or principal the names of every child not on any school register.
10. The Board shall institute proceedings, under this Act, against every parent or other person in charge of any child who fails to comply with the requirements of this Act respecting compulsory attendance, unless such parent or other person satisfies the Board when requested that-
(a) the physical or mental condition of the child is such as to render attendance or instruction in school inexpedient or impracticable; or
(b) such child is being properly educated in reading, spelling, writing, English composition, geography and arithmetic otherwise than in a public school or approved private school as provided in section 3 hereof; or
(c) the failure to attend the requisite time was owing to ill health or temporary absence from the city or town, or through some domestic affliction in the family of such parent or person, rendering it necessary or prudent, in the opinion of the Board, to keep such child at home; or
(d) the parent, or other person summoned, was by reason of poverty unable to provide such child with proper and sufficient wearing apparel for attendance at school, and that he bona fide endeavored to procure the same; or
(e) some other good reason existed for such failure to comply.
11. No such parent, or any person in charge of any child shall be exempt on the ground that the child is being educated otherwise than in a public or approved private school, unless he presents a certificate from the principal of schools that the child has passed a satisfactory examination in the grade of work suitable to the child's age and previous opportunities for receiving an education; and it shall be the duty of the principal to examine at stated times any such child making application for such certificate.
12. A certificate, under the seal of the Board, and signed by the secretary of the Board, that the name of any child mentioned in the summons does not appear on the school register of any of the public schools of the city or town, or that the child has not attended school as required by this Act, and that the person summoned has been returned on the list to the Board as the parent or person in charge of such child, shall be received in any prosecution under this Act as prima facie evidence of the offence charged, without requiring any proof of the seal of the board or the signature of such secretary or the production of any school register or list in the custody of the board, or any cer tified extract from the same, and shall be sufficient evidence to warrant a conviction, unless the person summoned makes defence and satisfies the magistrate that he comes within one of the exemptions hereinbefore specified, or that the certificate presented by the secretary is in fact untrue.
13. If any parent or person in charge of any child is unable to induce such child to attend school as hereinbefore
required, and sends a notice in writing to that effect to the secretary of the Board, and proves to the satisfaction of the Board that he is unable to induce such child to attend school, the child shall from and after the receipt of such notice and proof, be deemed to be and shall be dealt with as an habitual truant, and the person sending such notice shall not be liable to any penalty after the receipt of such notice and proof.

## 14. Any child-

(a) registered as attending any of the public schools and reported by the teacher to be absent for five or more days, not necessarily consecutive, during any school term, without excuse and without the consent of the parent or person in charge thereof; or
(b) known to the police, truant officer, or any officer of the Board, to be begging or wandering in the street and found not to be attending any school or engaged in any proper employment during the regular school hours; or
(c) whose parent or person in charge having been notified to appear before the Board or some committee thereof for failure to send a child to school as hereinafter required, thereafter fails for five or more days, not necessarily consecutive, to cause the child to attend school as required by this Act, shall be deemed to be an habitual truant and dealt with as such.
15. When information is laid before the stipendiary magistrate by any police officer, truant officer, or officer of the Board, that any child is suspected of being or is believed to be by the person laying such information an habitual truant, the magistrate shall issue a summons commanding such child to appear before him at a time and place to be named therein, and if such child does not appear, and if the summons was duly served a reasonable time before the time appointed for appearance, the magistrate shall issue his warrant for the arrest of the child, and adjourn the hearing until such child is brought before him; or the stipendiary magistrate may, if he thinks fit, in place of a summons, issue his warrant in the first instance, to have such child brought before him.
16. If it is established to the satisfaction of such magistrate that such child is an habitual truant, the magistrate may commit the child to such reformatory, industrial school, home for children, or orphan asylum, as seems best to such magistrate, having in view the religious denomination, if any,
to which such child belongs, in accordance with the provisions of the Juvenile Delinquents Act, 1908, Canada, where said Act is in force, and the Children's Protection Act, 1912, Nova Scotia, and amendments thereto.
17. The hearing before the stipendiary magistrate shall not be held in open court, and only the persons interested in the child or representing the Board and the witnesses shall be allowed to be present.
18. The allegation in the information that a child is absent without excuse, and without the consent of the parent, or person in charge of such child, or that the parent or persol: in charge of such child, after having been notified to appear before the Board or some committee thereof, failed to cause such child to attend school for five or more days, shall be prima facie proof of such fact.
19. The stipendiary magistrate, after consultation and advice with the parent, or person in charge of such child, or with the officers of the Board, may, if he is of opinion that the public interest and the welfare of the child will be best served thereby, suspend the issue and execution of the warrant of commitment for a definite or indefinite period.
20. (1) The support and education of any child so committed shall be a charge on the city or town at the rate of one hundred and fifty dollars per year for each child so committed. The Council may add to the amount to be rated the expense incurred annually by reason of any such arrangement, and the parent or person in charge of such child shall be liable to the city or town in such sum per month for support of such child as the stipendiary magistrate determines and names in the order of commitment, and any order shall be final and conclusive as to the amount named therein and of the ability of the parent or person in charge of such child to pay the same.
(2) If the amount named in any such order is not paid at the time or times mentioned therein, an execution may be issued by the stipendiary magistrate thereon at the request of the city or municipal or town collector or clerk in the form now used in the city court, or any form necessary to enforce such order, and the officer to whom the execution is directed may enter in and upon any premises of the persons liable to pay and seize and sell any personal property for the purpose of satisfying such execution and any costs and charges incurred under and by virtue of the same.
(3) The city or town clerk shall immediately upon the commitment of any child as an habitual truant, give notice of such commitment to the city or town collector, or town clerk, who shall collect each month the amount named by the stipendiary magistrate.
(4) Sections 20 and 21 shall not apply to any city or town where the Juvenile Delinquents Act, 1908, Canada, is in force.
21. Any truant or absentee child found wandering about the streets or other places of resort may be arrested without warrant by any person appointed as a truant officer.
22. If any near relation of any child committed as an habitual truant dies, or is seriously ill, the stipendiary magistrate may order such child to be released for a specified time, either with or without the custody of the superintendent or other officer of the place of commitment, and may from time to time revoke, extend, or otherwise modify any such order.
23. Any child who persistently violates the regulations of the school at which he attends, or otherwise persistently misbehaves so as to render him a fitsubject for exclusion therefrom, may be deemed a habitual school offender and dealt with in the same manner as a habitual truant.
24. Every reformatory, or other institution, to which any child is so committed shall, at all reasonable times be open to the inspection of the principal of the city or town schools, or any other officer appointed for the purpose by the Board, and the governing body of such reformatory, or other institution, shall provide instruction for such child as fully as is required in the case of an approved private school.
25. (1) If any child committed to any such reformatory or other institution has, in the opinion of the governing body of such institution, so conducted himself during a term of three consecutive months, as by his good behaviour, diligence and industry, to warrant his being set at large and no longer detained in such institution, and if the Board concurs with such governing body in recommending the issue of a license to such child to be at large, the Attorney-General, or such person as he appoints to issue such license, may issue a license permitting such child to be at large in the province of Nova Scotia, or in such part thereof as is specified in such license.
(2) Such license may be revoked or altered at pleasure by the Attorney-General or by such person as he appoints.
(3) The Attorney-General may make such regulations as he sees fit as to the form of such license, the conditions of enjoyment and forfeiture thereof, and for ascertaining that such conditions are duly complied with.
(4) Upon information on oath that the holder of any such license has contravened any of the conditions thereof, the stipendiary magistrate of the city or town may issue a warrant for his arrest wherever in the province of Nova Scotia such child is, and cause such child to be brought before him, and upon a conviction of such contravention shall remand such child to such reformatory or other institution, there to serve the remainder of his original sentence, with such additional term not exceeding one year as to such magistrate seems proper.
26. (1) No child under the age of sixteen years shall be employed by any person to labour in any business whatever or street trade, nor accompany any person engaged in any street trade during the hours from nine o'clock in the morning until half-past three in the afternoon, of any school day, unless such child delivers to his employer or has in his possession a certificate signed by the secretary of the Board, or a certificate signed by the principal that such child has passed a satisfactory examination in grade seven of common school work.
(2) Every person who employs any child or any person engaged in any street trade who permits a child to accompany him contrary to the provisions of this section shall for each offence be liable to a penalty of not less than ten dollars nor more than fifty dollars, and in default of payment to imprisonment for not more than one month.
27. The Board, or such officer or person as it appoints, shall in the months of November and May in every year, and at such other times as it deems necessary, examine into the condition of the children employed in every manufacturing or other establishment, and for this purpose may enter, inspect and examine at all reasonable hours, by day or night, any such establishment or any part thereof, and ascertain whether all the provisions of this Act are duly observed, and prosecute every person violating any of such provisions.
28. (1) On demand, on any such examination as is mentioned in the next preceding section, the proprietor, superintendent, or manager of such establishment or manufactory
shall exhibit to the officer or person appointed by the Board to make such examination, a correct list of all children under the age of sixteen years employed in such manufactory or establishment, with the required certificate of attendance at school or place of instruction.
(2) Any such proprietor, superintendent or manager who fails to furnish such list, or to send such list to the office of the Board when requested in writing to do so, or wilfully delays the officer or person appointed by the Board in the exercise of any power under this Act, or obstructs such officer or person so appointed in the discharge of his duties under this Act, shall be liable to a penalty of not less than ten dollars nor more than fifty dollars, and in default of payment to imprisonment for not more than one month.
29. The city or town council may make ordinances in respect to habitual truants, and children between the ages of six and sixteen years found wandering, about the streets or public places between the hours of 9 o'clock in the morning and 3 o'clock in the afternoon, and to prevent such children growing up in ignorance, and for more effectually carrying out the provisions and objects of the sections of this Act relating to compulsory attendance at school, and shall provide suitable places for the discipline and instruction and confinement, when necessary, of such children, and may require the police, or appoint special police for that purpose, to enforce such ordinances.
30. The Board shall appoint an official, to be known as the truant officer, to enforce the foregoing provisions respecting habitual truants, and perform any other duties appointed by the Board, and such official shall have and enjoy all the powers and privileges of a police officer of the city or town.
31. No person other than the Board, or some person appointed by it in that behalf, shall institute any proceeding for a contravention of any provision of this Act in respect to compulsory attendance at school.
32. In any prosecution for a contravention of the provisions of this Act respecting compulsory attendance at school, the age stated in the information shall be taken prima facie to be the age of the child, and the prescribed register of any department shall be evidence of the attendance or absence of any pupil.
33. (1) Every person who contravenes or fails to comply with any of the provisions of this Act respecting compulsory attendance at school, or any ordinance made under such provisions, for the breach of which no penalty is provided, shall, for each such offence, be liable to a penalty not exceeding twenty dollars, and in default of payment to imprisonment for a period not exceeding sixty days.
(2) Upon any conviction for any offence against such provisions, it shall not be necessary to issue a distress warrant against the goods of the person convicted, but such person may beforthwith committed to gaol if the penalty is not at once paid.
(3) Any penalty recovered upon any such conviction shall be for the use of the Board to be applied in enforcing the provisions of this Act respecting compulsory attendance at school.
34. The provisions of The Summary Convictions' Act shall apply to any proceedings instituted under the sections of this Act in respect to compulsory attendance at school when not inconsistent with any express provision contained in such sections.
35. This Act shall come into force in every city and incorporated town on the first day of August, 1915.
36. The Acts and parts of Acts in the Schedule hereto are repealed to the extent in such Schedule stated.

## SCHEDULE.

| Act Repealed. | Extent of Repeal. |
| :--- | :--- |
| Revised Statutes, 1900, Ch. <br> 55, <br> Halifax City Charter. <br> Acts of 1904, Ch. 60. | The Whole Act. <br> Sections 908 to 940, inclusive. <br> The whole Act and amend- <br> ments thereto. |
| The whole Act and amend- <br> ments thereto. |  |

## THE HEALTH OF SCHOOL CHILDREN.

THE ACUTE INFECTIOUS DISEASES. Symptons to be observed by Teachers. (Issued by the Department of the Public Health, Nova Scotia).

The first signs of an attack of infectious disease are commonly malaise, drowsiness, discinclination to play or study, and flushed (though sometimes pallid) cheeks. These symptoms are associated also with many non-infectious diseases, but when infectious diseases are prevalent they should attract especial attention.

Chills and vomiting also mark the onset of several infectious diseases.

Sore throat is often an early symptom in diphtheria, scarlet fever, measles and influenza.

Cough commonly marks the onset of measles, whooping cough and influenza.
(Cough accompanied by loss of weight, fever (generally slight), loss of appetite and feeling of fatigue, should suggest pulmonary tuberculosis. Enlargement of glands in the neck, pain in the back, pain in a joint and a growing tendency to limp, are symptoms suggestive of glandular or joint tuberculosis).

Discharge from the nose appears early in measles (when it is usually associated with "watering of the eyes") and in influenza.

Discharge from the nose may also be a symptom of diphtheria or of scarlet fever. In diphtheria the discharge may be bloody in appearance.

Swellings in the neck may be due to diphtheria, tonsillitis, German measles, mumps or tuberculosis. Such swellings may follow measles and scarlet fever.

It should be particularly noted that the infective element is contained in the discharges from the nose and throat in diphtheria, scarlet fever, measles, mumps, whooping cough, influenza, epidemic meningitis and infantile paralysis and that these discharges are infectious from the commencement of
the illness. These diseases frequently develop in so mild a form as not to incapacitate the patient, who may therefore continue attendance at school and innocently spread infection to other pupils. In the case of measles, and possibly also in scarlet fever, the most infectious period is before the rash appears.

When any of these diseases is present in the community, any child who coughs, sneezes or complains of sore throat should be kept under close supervision and might advisably be isolated at his home until it can be definitely ascertained that no risk would be entailed in permitting him to resume school attendance.

The channels by which infection enters the body, in the diseases named, are also those by which it commonly leaves the body, namely the mouth and nostrils. Probably the hand is more often responsible for the transmission of infection than anything else. When one considers how constantly the hand is used in grasping various articles, and how frequently it is brought into contact with the mouth, one can readily appreciate how it may convey infection from a patient to articles which others will touch, and how others may thus become infected. Children should therefore be continually reminded of the danger of putting unwashed fingers into the mouth, of drinking from cups or other vessels which others may have used, of swapping gum and other "delicacies," and of putting pencils or other objects to the lips. They should further be taught the value of frequent washing of the hands, of personal cleanliness in every particular, of covering the mouth and nose when coughing or sneezing, and of avoiding close contact with those who cough or sneeze or show other symptoms whic may indicate that they are suffering from an infectious diseaase.


## Journal of Education.

OCTOEEF, 1 O1G.

## OFFICIAL NOTICES.

The full number of legal teaching days in the half school year ending 2nd February is 103.
1916.

## Calendar 1916-17.

Aug.
Sept.
Sept.
Oct.
Nov.
Dec.
1917.

Jan.
Jan.
Jan.
Feb.
Feb.
Feb.
Feb.

Mar.
April April April

Feb. $\quad 22 \begin{aligned} & \text { Aso students under Reg. IX (a). } \\ & \text { Normal students under Reg. VII (a) complete }\end{aligned}$ course.
Mar. $\quad 7$ Normal students under Reg. VII (c) and X
28 Schools opened.
4 Labor Day (holiday).
21 Normal College opened.
9 Thanksgiving Day (holiday).
13 Second Quarter begins.
23 First day of Christmas vacation.
7 Schools re-open.
10 Normal College opens and admits students under Reg. IX (b).
25 Junior Class (D) completes course in Normal.
2 Last teaching day of First Half school year.
5 Third Quarter begins.
7 Intermediate Class (C) admitted to Normal.
7 Also students under Reg. IX (a). admitted.
5 March Annual Meeting of School Sections.
1 Preliminary notice of University Grad. Exam.
6 Good Friday (holiday).
16 Fourth Quarter begins.

May 1 Applications for Exams. due at Inspector's offices.
May 1 Final application University Grad. Exam. due.
May
4 Arbor Day.
May
May
June
June
June

Government Annuities prepared by S. 'T. Bastedo, Superintendent of that Department.

Teachers will get free as many copies as they require for their pupils by stating the number of copies they are likely to need for their pupils to Mr. S. T. Bastedo, Superintendent, Department of Government Annuities, Ottawa. It is not necessary even to spend a postage stamp on the letter sent as it will go free of postage to the proper address.

## Our Provincial School of Art.

The Victoria School of Art and Design, Halifax, offers a free scholarship to the best Art pupil 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.

> A. Lismer, Principal.
> Victoria School of Art and Design, Halifax.

## Music.

Singing, with either the tonic sol-fa or staff notation, should be taught in every school. Those who cannot sing should adopt some other profession or calling than teaching-especially in the common school grades where they cannot co-operate with teachers on the staff who can sing.

A question involving a knowledge of musicial notation, and ability to teach singing will hereafter be given in the M. P. Q. paper on Teaching.
"God Save the King" should be so well known, that in every school it can be started and sung by the pupils without the leading of the teacher, should the test be applied by the Inspector or a visitor.

## Fire Drill.

The prescribed physical training exercises should be regularly given every day in every school. One imperative
feature in every school is a thoro drill to enable the school to be emptied as rapidly as possible and in good order at a given signal. This is of prime importance in buildings with several rooms, more especially when the rooms are not all on the ground flat, Inspectors should test this practical application of the Training Drill.

## The School Library.

Every school must now have its library and a case for it not inferior to one of the three specifications prescribed in the Library Regulations. (See Journal of Education, April 1915, pages 64 to 80 ).

No school is qualified to receive the full grants otherwise due unless satisfactory provision has been made as prescribed for preserving the books which may come to, or be obtained for, the school library. Inspectors are directed to enforce this order in a manner to impress the trustees as well as a carless teacher should such a one be discovered.

## A Book for the School Library, Free.

A very valuable book of some 400 pages on "The Coal Resources and Coal Industry of Eastern Canada" by F. W. Grey of the Geological Survey, is soon to be issued. Such a book in the school library of even the poorest school section if read up thoroly by even one ambitious boy or one intelligent young man in the section borrowing it, may start a useful if not a great man on the way to become a builder of his country and a credit to the school from which he started out. It is a very wise policy on the part of the Dominion Authorities to place such books in a central position in every part of the country for the use of those who may read it first because they have time to read before any interest is developed.

The teacher of each school is hereby informed, that he or she may obtain a copy to be kept in the school library case prescribed except when loaned out regularly for reading. Application should be made to Dr. Eugene Haanel of The Mines Department, Ottawa, and the letter if properly addressed will reach its destination free of postage.

Inspectors are requested to note in their visitation records any school in which the teacher did not go to the trouble of making this request for the benefit of the school.

## CHILDREN'S DAY.

## For the Relief of Destitute Belgian Children.

## 15th November, 1916, King Albert's Birthday.

An urgent appeal has been made to His Honor, the Lieu-tenant-Governor, by His Royal Highness the Governor-General enclosing a communication from the Lord Mayor of London and the Duke of Norfolk, respecting a proposal of the "National Committee for Relief in Belgium," that Canada should hold a Children's Day on behalf of the Children who remain in that part of Belgium occupied by Germany.

It is not proposed to ask the children themselves either to collect or to contribute money. The idea is that the proceeds of conerts, sports or other entertainments, quite in consonance with the ordinary routine of school life and crganized by the children themselves (assisted by teachers and parents) should provide the contributions so urgently needed.

A careful analysis indicates that there are now as many as $2,500,000$ children up to the age of 16 , in that part of Belgium occupied by the Germans. The majority of these children are destitute. Thru the neutral Commission for Relief they are provided with a daily ration which is just enough to keep them alive.

Of course, it is the duty of Germany to provide for all inhabitants of the countries they hold, as it is their duty to feed and care for their prisoners. But from the approval of the high authorities endorsing this appeal we should feel sure we are not likely to be aiding the Germans whose inhumanity appears to be low beyond precedent in a civilized age.

It will be impossible for our schools generally to make the contributions on King Albert's fête-day, on account of the lateness of the issue of the Journal of Education. The 30th of November is the latest date therefore fixed to send the contributions of the schools to the Inspector, who will make a list for each County within his Inspectorate, so that the amounts contributed in each County may be published as usual.

Nova Scotia, however, has made the contribution a year ago, it should be known. As the time was short, and the schools had been contributing for other approved objects, the Government of Nova Scotia paid promptly into the fund three
pence (five cents) for every boy and girl enrolled in the public schools during the year, which amounted to $£ 1,000$ sterling.

The school children while thanking the Government of Nova Scotia for this contribution on their part last year, can now present their own gifts any way they choose, provided the following principles published in the Journal of Education a year ago for guidance is observed.
"School collections of money may sometimes be made with good effect, when it inculcates the duty of self denial to assist a worthy cause having claims upon our support. If such a collection is so managed that the children of the wealthier families will not be made to appear as more deserving than the poorest contributor, it is happily done and is good for all.

These collections should not be planned to reach the parents, altho it is likely to reach the most of them. The Children's Ambulance gift and the Belgium Relief are examples of the very few collections which may be unobjectionable if properly guarded."

The Inspectors having received the contributions from the teachers of each school room by the 30th of November, will transmit the sum totals of the amounts received from each County to the Superintendent of Education at Halifax, who will have the sum total from the province transmitted thru the Government of Nova Scotia.

## PROVINCIAL RURAL SCIENCE SCHOOL.

The following classes are now offered at the Rural Science School for teachers seeking a Rural Science Diploma and for those who desire to improve their knowledge in Natural Science: (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.

For a Rural Science Diploma classes (1) to (3) inclusive are compulsory. In addition to these the candidate must have successfully completed the work of four classes selected from (4) to (15) and must have presented more advanced work in at least two of these during a second term. The classes in which advanced work for a second term is provided are (4) to (9) inclusive.

Election of classes must be made with reference to the time table given below.

Two sessions of the School are held during the year, the first opening about the first of May and the second early in July. The exact dates are announced in the April Journal for each year.

TIME TABLE.
(Subiect to Change.)

| Hour | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | 9 Horticulture <br> Weather Work | Agriculture Chemistry | Horticulture Weather Work | Agriculture Chemistry | Horticulture Weather Work | Chemistry |
| 10 | $\begin{aligned} & \text { Biology } \\ & \text { Plant } \\ & \text { diseases } \end{aligned}$ | Chemistry <br> Entomo$\log y$ | $\begin{aligned} & \text { Biology } \\ & \begin{array}{l} \text { Plant } \\ \text { diseases } \end{array} \end{aligned}$ | $\begin{aligned} & \text { Chemistry } \\ & \text { Entomo- } \\ & \operatorname{logy} \end{aligned}$ | $\begin{array}{\|l} \text { Biology } \\ \text { Plant } \\ \text { diseases } \end{array}$ | Chemistry Entomology |
| 11 | Biology <br> Plant diseases | $\begin{gathered} \text { Entomo- } \\ \log y \end{gathered}$ | Biology <br> Plant diseases | $\begin{array}{\|c\|c\|} \hline \text { Entomo- } \\ \log y \end{array}$ | Biology <br> Plant diseases | Entomology |
|  | Nature Study Geology \& Min. | Woodwork Birds | Nature Study <br> Geology \& Min. | Physics | Nature Study Geology \& Min. |  |
| 5 | Botany | Woodwork <br> Physics | Botany | Physics | Botany |  |
|  | Botany | Physics | Botany | Bacteriolgy | Botany |  |

Note. Addtional hours may be arranged for at the opening of the classes in a number of the subjects but, in so far as possible, these will be selected so as not to interfere with the elections of the students enrolled.

## RURAL SCIENCE GRANTS RECOMMENDED FOR THE YEAR ENDED. JULY, 1916.

## Inspectorial Divisions.

Olive M. Baldock, Halifax No. 1.
Helen Denton, Halifax ..... $\$ 20.00$
S. Emma Theakston, Halifax ..... 20.00 ..... 20.00
G. M. Huggins, Halifax ..... 20.00 ..... 20.00
Ethel Conrad, Halifax
Ethel Conrad, Halifax
Mary L. Distant, Halifax. ..... 15.00
Viola Burgoyne, Halifax ..... 15.00
Annie L. Wickwire, Halifax. ..... 10.00
Lillian Clarke, Halifax. ..... 10.00
Catherine Henrion, Halifax ..... 10.00
Ethel Hiltz, Dartmouth ..... 15.00 ..... 20.00
Margaret MacKenzie, Dartmouth
Margaret MacKenzie, Dartmouth
Mabel Moseley, Dartmouth ..... 20.00
Muriel Boutilier, Dartmouth ..... 20.00
Celia Keeler, Dartmouth ..... 10.00
Helen Fisher, Clam Harbor ..... 20.00
Florence Burgess, Jollimore Settlement ..... 15.00
Eva Siteman, Hackett's Cove ..... $\$ 285.00$
No. 2.
Pearl Kedy, Mahone Bay ..... 25.00
Tessie Dauphinee, Mahone Bay ..... 25.00
Alice Veinotte, Mahone Bay ..... 25.00
Ruby Kaulbach, First South
Ruby Kaulbach, First South
20.00
20.00
Mildred Corkum, Blockhouse
Mildred Corkum, Blockhouse ..... 15.00
Pearl Hirtle, LaHave.
Pearl Hirtle, LaHave.
15.00
15.00
Helen Zwicker, Martin's River
Helen Zwicker, Martin's River ..... 37.50 ..... 37.50
R. H. Wetmore, Milton
25.00
25.00
Daisy Smith, Liverpool .....
25.00 .....
25.00
Harriet Rand, Liverpool
Harriet Rand, Liverpool
15.00
15.00
Pearl Collins, Liverpool
Pearl Collins, Liverpool
25.00
25.00
Nellie L. Parke, Port Medway
25.00
25.00
Hilda Dalton, Caledonia
Hilda Dalton, Caledonia
15.00
15.00
Lulu Cooke, North Brookfield
Lulu Cooke, North Brookfield ..... $\$ 317.50$
No. 3.
25.00
25.00
Mary A. Hamilton, Osborne
25.00
25.00
Wenona Abbott, Forbes Point
Wenona Abbott, Forbes Point
25.00
25.00
Mildred McMurtery, Rockville
25.00
25.00
Helen Pitman, Chegoggin
37.50
37.50
Agnes Moses, Brooklyn
15.00
15.00
Lizzie Hatfield, Tusket
15.00
15.00
E. C. Allen, Yarmouth
E. C. Allen, Yarmouth
$\$ 167.50$
No. 4.
N. W. Hogg, Digby ..... 10.00 ..... 10.00
A. E. McCormick, Paradise
37.50
37.50
W. E. Banks, Round Hill .....
25.00 .....
25.00
B. S. Banks, Lawrencetown
B. S. Banks, Lawrencetown
25.00
25.00
Marguerite Young, Lawrencetown
15.00
15.00
Alberta MacCullum, Granville Ferry
Alberta MacCullum, Granville Ferry
$\$ 132.50$
No. 5.
Essie Parker, Berwick ..... 50.00 ..... 50.00
Dora M. Baker, South Berwick
25.00
25.00
Louise Brownell, North Kingston
37.50
37.50
Catherine Dawson, Grand Pre ..... 25.00
Merna Frank, Kentville
15.00
15.00
Anna J. MacGregor, Kentville
20.00
20.00
Ida L. Mitchell, White Rock
15.00
15.00
Katherine Thorpe, Centreville
10.00
10.00
Le Roy Lawrence, Hantsport.
25.00
25.00
Elsie Fulton, Falmouth Centre
25.00
25.00
Minnie L. Banks, Three Mile Plains
25.00
25.00
Blanche Douglas, Martock ..... 25.00
Margaret Wickwire, Brooklyn
25.00
25.00
Florence Holland, Cheverie
25.00
25.00
Marguerite Foote, Summerville
25.00
25.00
J. Marie Ramey, Walton .....
25.00 .....
25.00
Gertrude Chase, Maitland
Gertrude Chase, Maitland
87.50
87.50
Estelle J. MacKenzie, West Gore
25.00
25.00
Edith MacDougall, West Gore
Edith MacDougall, West Gore ..... 15.00
Una Mosher, Shubenacadie
No. 6.
Vera G. Rafuse, Mulgrave ..... 25.00
Catherine Manson, Sherbrooke ..... 37.50
Leda Cooke, Ecum Secum ..... 25.00
William Doane, Antigo
Stella Strople, Bayfield ..... 20.00 ..... 15.00
No. 7. ..... $\$ 122.50$
Sophia MacLean, Port Hastings ..... 25.00
Marion Martin, Port Hawkesbury ..... 25.00
Douglas Highet, Port Hawkesbury ..... 15.00
No. 8.$\$ 65.00$
Annie M. MacLellan, Margaree Forks ..... 25.00
Margaret MacDougall, West Harbor ..... 15.00
Lucie Doucet, Belle Cote ..... 15.00
No. 9.$\$ 55.00$
Nellie J. Sinclair, Hopewell ..... 37.50
Alice Fraser, New Glasgow
15.00
15.00
Annie E. Harris, Sunny Brae ..... 15.00
Jennie Muir, Westville
15.00
15.00
Edna Munro, Stellarton
10.00
10.00
Mary A. Gunn, Blue Mountain ..... 10.00
No. 10.
$\$ 102.50$
Ellen J. O'Regan, Parrsboro ..... 37.50
Mary Jennison, Parrsboro ..... 18.75
Mary B. Nelson, Parrsboro .....
18.75 .....
18.75
Mrs. Nina E. Davison, Amherst
Mrs. Nina E. Davison, Amherst
25.00
25.00
Effie Mott, Amherst ..... 25.00
Leonia MacMillan, Amherst
25.00
25.00
Marjorie Boss, Wentworth ..... 15.00
No. 11.$\$ 165.00$
Harriet Lindsay, Whitney Pier ..... 25.00
Alma Doucet, Little Bras d'Or ..... 20.00
R. Stanley MacLeod, Florence
15.00
15.00
Marion Trask, Round Island. ..... 10.00
No. 12.$\$ 70.00$
Margaret Bishop, Truro ..... 25.00
Meta B. Rafuse, Upper Onslow ..... 25.00
Janie Strople, Belmont ..... 10.00
Seldon Bryson, Londonderry ..... 15.00
Eva MacKay, Princeport ..... 15.00
Alberta Goodwin, Stewiacke East ..... 15.00
Lois Smith, Stewiacke ..... 25.00
Alice Smith, Stewiacke ..... 15.00
Flora M. 7 wicker, Tatamagouche ..... 15.00
Annie M. Freeman, Earltown ..... 25.00
Ottillie Caddell, Economy ..... 25.00
Marie Calder, Five Island ..... 25.00
Edna C. Morse, Upper Economy ..... 20.00

## 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 Advanced Shop Mathematics

Practical Algebra
Geometry and Trigonometry
Mechanical Drawing
Machine Drawing
Elementary Machine Design

Steam Boilers
Heat as Applied to Steam Engineering
Simple Steam Engines
Compound Steam Engines
Gasoline Automobile
Gas Engine Ignition
Dressmaking

Many other courses are in preparation and will be annouced 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 thoroness 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 Substraction: 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; Buttress 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 Carburetting 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.

## SUPPLY OF SCHOOL TEXTS.

Teachers and Trustees are the proper parties to take charge of the supply of school books for the section. Their attention is called to the terms offered by the Education Department thru the School Book Bureau. Not only are teachers and trustees sure of obtaining the proper prescribed texts but also, if an order amounting to $\$ 3.00$ or over is sent in, $10 \%$ discount is allowed from the list price of the books, and the Bureau prepays transportation charges. On smaller orders they are charged only a small fraction of the postage. The books for the school in this way go direct from the central Bureau to the school section.

Inspectors should see that all teachers are conversant with the information contained in the Journal of Education in reference to the School Book Bureau. It is evident from letters received that a great many teachers are still unaware that such information is contained in the Journal. A teacher not able to give such information to the parents and pupils is not conducting the school in accordance with law.

## COPY BOOKS.

It is very doubtful if a further supply of certain of the lower numbers ( 1 to 6 ) of the prescribed copy books will be available before January or February, 1917. The publishers inform the School Book Bureau that they have great difficulty in obtaining sufficient supply of paper to meet their needs. Nos. 1 and 4 (a small quantity) will be here for distribution about the end of November, but the other numbers not until the first of the year.

If supply cannot be obtained the teachers can set copy on the blackboard and ordinary ruled foolcap can be used by the pupils.

## NOTICE.

The Report of the proceedings of the Nova Scotia Educational Association which met in Halifax, Aug. 30, 31, Sept. 1, 1916, has been published. This Raport will be sent free to
all members of the Association. Others desiring a copy may get the same, as long as the supply lasts, by sending 10 c . to cover postage, etc., to

G. K. BUTLER, clo Office

Board of School Commissioners. Halifax.

## ERRATA.

Journal, Oct. 1909—Page 137-Teachers' Licenses "B", 1908, Read-

89-Bertha Lillian Greenwell, Sydney Mines, C. B.
90-James D. Gillis, Scotsville, Inverness.
Journal, Oct. 1916-Page 97-M. P. Q. Pass List-erase under Bridgewater, Mabel Davis Wagner. See name under Bear River, page 96.

## NO SATURDAY EXAMINATIONS.

On account of the objections of a few people to examination on Saturday it has become necessary to hold the sixth day of the Provincial Examinations in another week.

## THE UNIVERSITY GRAD. EXAM.

Syllabus will be found at page 266 of the October Journal of 1915.

## \$2.00 POLL TAX.

25. Clause (a) of sub-section (1) of Section 82 of said Chapter 2 is repealed and the following substituted therefor:
(a) every male person between the ages of twenty-one and sixty years, residing in such section at the time of holding of such school meeting, shall pay the sum of one dollar (or when ordered by the district board or its committee specified in section fourteen of two dollars) as a poll tax, but no person shall be liable to pay more than one poll tax in any one year.
-Extract from N. S. Statutes, 1915, Chap. 14, Page 118.

## Notes and Comments.

## Cadets and Boys' Scouts.

A Corps of Cadets should be in vigorous existence whereever there is a sufficient number of boys of high school age to form a Corps. A high school without a Cadet Corps is not an institution to be proud of. The Province is under obligation to encourage Cadet Corps.

The formation of Boys' Scouts is approved by the Education Departmentespecially where there is not a sufficient number of boysold enough to maintain a Cadet Corps. Under good scout masters the Boys' Scouts is an invaluable complement of the public school course, which is defective without such training.

Physical Training may soon count as a subject in each of the high school grades.

## Bands of Mercy.

Similar organizations for the prevention of cruelty, for the improvement of local, social and educational conditions, are very appropriately associated with the school house and the school. It is desirable that every School building should as far as possible be an intellectual and moral improvement center for the school section; and the school library should be also developed so as to aid in accomplishing thisobject for those who have passed thru the school.

## Suggested by a Worried but Efficient Inspector.

Teachers should be as prompt as possible in forwarding their returns to the Inspector's office at the close of the term, semi-annual as well as annual. The work of compiling paysheets cannot go on till all the returns are in the Inspector'soffice, unless the names of the tardy ones are left out, in which case they run the risk of having their Provincial Aid delayed till next pay-day, six months later.

If there should be any good reason for delay, such as the absence of one or more of the trustees, or difficulty in getting to a Justice of the Peace for the purpose of attesting the return, an Inspector suggests that a memorandum of the necessary facts and figures be sent in promptly, such as Name and Class of teacher, number of days taught, claim for lost days if any,
with reason for the same, the average and the grand total of the attendance. With this data the work can go on, and the full Return can follow later.

Teachers are also warned that the signature of two trustees to a return is not sufficient if the third has been ignored. All three should have an opportunity of signing or declining to sign a return; and if one should decline or fail to sign, the name should be appended by a note and the reason given for the absence of the signature.

The proper way to secure the trustees' signatures is for the secretary to call a meeting of the Board to be held for the purpose at a given time and a convenient place, and if one fails to attend the meeting, the fact can be stated and the name mentioned.

The trustees are a body corporate, and the acts of the majority are legal only when the full Board has been given an opportunity for joint action and consultation. The same rule applies to teachers' engagements.

## Increased Production and Saving.

The Banks of Halifax sent a distinguised delegation to the Education Department, intimating that in obedience to the patriotic suggestions from the Government and leaders of finance, industry and trade, the Banks were ready to open accounts with schools conducting" School Savings Banks," altho the clerical work involved in keeping such numerous small accounts would increase their expenses. This they were ready to do in the faith that the habit of thrift developed might years later result in a generally improved public credit and prosperous business conditions. The Branch Banks thruout the province will of course follow the head banks in Halifax.

In the April Journal reference was made to the Penny Bank of Toronto and saving schemes in Ontario, the U.S. A., etc. Banks, and Annuity systems, to which attention is called in another paragraph.

## PRIZE ESSAY COMPETITION

## of

## St. Catherines Chapter

IMPERIAL ORDER DAUGHTERS OF THE EMPIRE.
The St. Catherines Chapter of the Imperial Order of the Daughters of the Empire has published in a handsome pamph-
let the three School Essays winning the First Prize in its Competitions open to Canada and Newfoundland as follows:1914 "Canada's Duty to the Empire."
1915 "Canada's Relations to Foreign Countries."
1916 "National Military Training."
For 1917 the subject is "How should the British Empire be Governed." The Rules of the Competition, and hints as to the reading likely to be useful, are given below.

## SUBJECT FOR 1917.

## "How Should the British Empire be Governed."

## RULES FOR 1917 COMPETITION.

1. Address all correspondence to Secretary, 1. O. D. E. Prize Competition, No. 7 Queen Street, St. Catharines, Ontario.
2. All schools in Canada and Newfoundland are open to the competition.
3. Competing schools must send list of competitors to the head of the school before January 15,1917 . No one whose name does not appear on the list will be considered a competitor.
4. Competitors must be between fifteen and twenty years of age on May 1 , 1917.
5. Essays must not contain more than three thousand words.
6. Essays must be legibly written, with name of writer, name of school, and headmaster's name, at top of essay.
7. The essays of each school shall be submitted to the headmaster of the school. They shall be read by a local examining committee consisting of the headmaster and two nominees of the local Chapter of the I. O. D. E. (if there be one), otherwise of two nominees selected by The St. Catharines Chapter, I. O. D. E.
8. The local examining committee will read the essays and award marks, on the following plan:-
(1) Literary Merit. ........................................ 100 marks
(2) Correctness of Historical References.................... 100 marks
(3) General Breadth of Treatment. . . . . . . . . . . . 100 marks
(3) General Breadth of Treatment. ........................ 100 marks
9. The local examining committee shall decide upon the winner or winners in each school.
10. The local examining committee will send all essays submitted so that they will reach the Secretary on or before May 15, 1917.
11. The following prizes will be awarded in schools furnishing essays:

From three to six competitors, one prize of $\$ 10.00$.
From seven to twelve competitors, one prize of $\$ 15.00$.
From thirteen to twenty competitors, two prizes, one of $\$ 20.00$ and the other of $\$ 10.00$.

From twenty-one to thirty competitors, two prizes, ona of $\$ 25.00$ and the other of $\$ 15.00$.

From thirty-one or more competitors, three prizes, first $\$ 30.00$; second, $\$ 20.00$; third $\$ 10.00$.
12. Prizes will be awarded to the thirty schools which adhere most strictly to the rules of the competition and send in the greatest percentage of acceptable essays. In case several schools send the same percentage of acceptable essays the school furnishing the largest number of acceptable essays will be awarded the prize.
13. In order to win the specified prizes the necessary number of competitors must have written acceptable essays in the estimation of the chief examiner.
14. The St. Catharines Chapter, I. O. D. E., will appoint chief examiners to determine which schools are entitled to rank for prizes.
15. The St. Catharines Chapter, I. O. D. E., will appoint chief examiners to determine the best essay of all submitted by all schools, and the school submitting this best of all the essays will be awarded a cup or shield (at its option) with appropriate inscription.
16. The prizes won by the students may be given in money, books, or a suitable memento, or partly in either, at discretion of the headmaster, and shall be presented to them at the Annual Prize Day of the school, if possible.
17. It is the desire of the donor of the prizes that the prize essay in each school should be published in the school magazine or in some local newspaper, or in both if practicable.
18. It is the intention to publish the winning essay in pamphlet form for distribution as is done this year.
19. The following is the subject selected for the 1917 competition:
"HOW SHOULD THE BRITISH EMPIRE BE GOVERNED."

## References:

"The Problem of the Commonwealth," by Curtis. McMillan.
"Modern Europe from 1789 to 1914," by Sidney Herbert. McMillan.
"War and Democracy." McMillan.
"An Historical Atlas of Modern Europe," by Grant Robertson and J. G. Bartholomew. Published by Oxford University Press.
"United Empire," The Royal Colonial Institute Journal. Published by Sir Isaac Pitman \& Sons.
"The Nation and the Empire," by Milner. Published by Constable.
"Democracy and the Nation," by Dr. J. A. Macdonald. Humphrey Milford (Oxford and London).
"An Introduction to the Study of International Relations." Published by McMillan \& Co.
"The Empire on the Anvil," by W. B. Worsfold. England.
St. Catharines, Ontario, Dominion Day, 1916.

## Progressive Public Opinion.

## BRITISH TEMPERANCE MOVEMENT.

In this context we note with pleasure the very strong appeal to the Government which is being organized by the "Strength of Britain" Movement, demanding "the suspension of the Liquor Traffic during the war, on the grounds of national duty to our Allies, to the Army and the Fleet, and of conserving the
full strength of the nation for present dangers and future needs." The following facts, declares the Memorial, stand out concerning alcohol:-
"It hinders the Army; it is the cause of grave delay with munitions; it keeps thousands of men from war work every day, and makes good, sober workmen second-rate. It hampers the Navy; it delays transports, places them at the mercy of submarines, slows down repairs, and congests the docks. It threatens our mercantile marine; it has absorbed during the war between sixty and seventy million cubic feet of space, and it retards the building of ships to replace our losses. It destroys our food supplies; in twenty months of war it consumed over $2,500,000$ tons of food, with sugar enough to last the nation eighty days. It uses up more sugar then the Army. It wastes our financial strength; in the first twenty months of war our people spent on alcohol $£ 300,000,000$. It diverts the nation's strength; it uses up 500,000 workers, $1,000,000$ acres of land, and $1,500,000$ tons of coal a year; and in twenty months of war it has involved the lifting and handling on road and rail of a weight equal to $50,000,000$ tons. It shatters our moral strength; its temptations to women involved srave danger to children and anxiety to thousands of soldiers."

The list of signatures already received is a remarkable one. We sincerely trust that the Memorial will have very wide support. Signatures should be sent to the "Strength of Britain" Movement, 20 Denman Street, W. Mr. Arthur Mee is the Secretary.-The Spectator, London, 22 July, 1916.

## RE THE PENNY BANK OF TORONTO.


#### Abstract

Every penny deposited by the School children goes directly to the Government, and thus helps to finance our share of the war. The pupils in the Galt Schools, for example, are lending the Government over $\$ 6,000.00$ in this manner, while some of the individual larger schools in Toronto have over $\$ 5,000.00$ on deposit. Even after the heavy withdrawals of the summer holidays, we now have well over $\$ 300,000.00$ in the hands of the Government, and from the enthusiastic way in which this work is being taken up this autumn it would not surprise us if these savings exceeded $\$ 400,000.00$ before spring.


## SCHOOL TEACHERS' INFLUENCE.

## Foundation for Many Needed Improvements May be Laid in Schools.

To the rising generation must we look for many changes and improvements in our rural and municipal conditions.

The children of the present, under the influence of a broadminded teacher, will absorb lessons which will later be an enormous influence for good. A recognition of this fact, and of
the great dependence placed upon them should be in the mind of everyone entrusted with the upbuilding of our youth. The extent to which this power to influence children for good is recognized may be gleaned from the number of appeals made to the school teachers for assistance. Every interest working for the betterment of Canada and Canadians lays stress upon the necessity of securing the recognition and support of the children.

To this already long list has been added a call for the influence of school teachers in the keeping of streets free from litter. To a large extent the children are responsible for this. Waste paper, chewing gum and candy wrappers are thrown on streets and sidewalks regardless of the untidiness they cause. This litter is carried by the wind, and blowing about the streets, frightens horses, causing many runaways and sometimes serious accidents. Waste paper also collects in sheltered places, falls thru grates into basement window openings, or accumulates against wooden buildings or fences; a lighted match or a cigar or cigarette stub carelessly thrown aside may fall upon this accumulation of litter and cause a fire. All fires are the same size at the start, and it is the apparently small and harmless fire which sometimes causes the greatest loss, both of property and lives.

The school teachers have it in their power to inculcate in their pupils a spirit of pride in the appearance of the streets, and roads and great benefits will accrue from this effort on their part.-Conservation, Oct., 1916.

## ACHIEVEMENT OF BIRD PROTECTIONISTS.

## Uniform Protection for Birds thruout Canada and the United States.

Bird lovers thruout North America are deeply gratified over the recent conclusion of the treaty under which Canada and the United States will co-operate in extending adequate protection to insectivorous bird life. The treaty applies to useful birds of migratory habits, and includes practically all our Canadian songsters, most of which are invaluable destroyers of insect pests. An absolute close season thruout the year is imposed on migratory insectivorous birds, enumerated as follows: Bobolinks, catbirds, chickadees, cuckoos, flickers, fly-catchers, grosbeaks, humming birds, kinglets, martins, meadowlarks, nighthawks or bull bats, nuthatches, orioles, robins, shrikes, swallows, swifts, tangers, titmice, thrushes, vireos, warblers, waxwings, whippoorwills, woodpeckers and wrens, and all other perching birds which feed entirely or chiefly on insects. Except for scientific or propagating purposes, these birds, their eggs or their nests may not be taken at any time.

Bird protectionists in general, whether actuated chiefly by sentimental or economic motives, have fought a hard battle and achieved a magnificent triumph. The greatness of their cause, from a purely material standpoint, may be appreciated when it is stated on competent authority that the annual loss in the United States on farm and forest products, chargeable to insect pests, exceeds $\$ 500,000,000$. As Canada's losses are no doubt proportionately great, it is evident that no effort: should be spared to protect birds and all other insect destroyers.

Bird protection in Canada is a matter of provincial jurisdiction, and in most cases the laws have been fairly adequate. If properly carried out, however, the provisions of the treaty, offering uniform protection thruout the greater part of the continent, should enable North American bird life to thrive and increase as never before.-Conservation, Oct., 1916.

## CATS AS BIRD DESTROYERS.

In an address on the protection of bird life, delivered recently before the Commission of Conservation, attention was directed to the fact that the domestic cat is one of the most destructive enemies of wild birds. This contention is supported by the following quotation from a report by the Massachusetts State Board of Agriculture.

[^8]
## IS THE COLLEGE 'SMOKER" A WORTHY SOCIAL INSTITUTION?

## Herschal T. Manuel of Clark College discusses pro and

 con the above subject in an able article in "School and Society" of New York, 4 Nov. 1916. The following is its conclusion:Finally such an institution as the smoker is particularly out of harmony with the best ideals of that for which a college should stand. If any institutions should lead the way in matters of improvement in social practises, these institutions it would appear are the church and the school. Woe to the church which has lost its pioneering spirit, and woe to the college from which idealism has departed. Society looks to the college man for leadership and rightly so; and the man above all men who should integrate in one personality the best and highest in thought and action is the leader. It is the business of the school not only to develop a knowledge of affairs, but also to bridge the proverbial gap bet ween knowing and doing. The product of the college should illustrate in his life the high principles which may appear to the crowd as impractical ideals. The goal of education is never merely a reproduction of the things which are it is always aimed at the things which should be, it is always something higher, better, more truly satisfying, and more efficient.

It is the conclusion of this paper that the college smoker is not a worthy social institution. It is unworthy either of tolerance or of active support. With reference to the larger group smoking is unsocial and antagonistic to good fellowship. Its cost is too great for the returns. Public smoking tends to be unsanitary. Smoking is unhygienic. The college smoker tends to spread and make permanent in the lives of students undesirable practises. And it is out of harmony with the best ideals of that for which a college should stand.

The social occasion of the "smoker" is, of course, to be encouraged; let us have more of the good fellowship, but without the smoke.

Published at Halifax, Nova Scotia, 14 November, 1916.

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[^0]:    and 9. State the difference between the piesent patiiciple and the verbal adjective,
    ${ }^{0} \mathrm{~m}_{\mathrm{m}}$ transiate: Ce sont des êtres vivants comme nous. Ce sont des êtres qivant me nous. Name the present participles that cannot be used adjectively.

[^1]:    Mary MacLellan
    Mary Alice Donahue
    Marion Alexandra MacDonald
    Margaret McDougall
    Mary Ann McDonald
    Margaret McFarlane
    John Roderick McNeil
    James Patrick Gallant
    David LeBlanc
    Duncan MacLellan
    John Angus McPherson
    Daniel Charles McEachern
    Geoffrey Robert Mealing
    Eunice Margaret Lawrence
    Dorothy Gertrude Ann Henderson
    Elizabeth Dickson McKnight
    Christina Ann McLean
    Jessie May Gillis
    Minnie Gillis
    Eliza Bell MacMillan
    Catherine Mary Nicholson

[^2]:    9000
    8912
    8912

[^3]:    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 $^{\text {to }}$ date, "144th day of the year," by adding the day of the month given $24+120 n u a l$ date of the last day of the preceding month (April in this case), thus dating $120=144$. The annual date can be briefly recorded, and it is the only kind of compil which can be conveniently averaged in phenological studies. When the $d_{a y}$ of the quite certain that he or she can make the conversion without error, the of the year instead of the day of the month will be preferred in the record.

[^4]:    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.

[^5]:    One of the most helpful sources of information for teachers who wish to keep up to date with the Euopean War is "The School" August, 1916. It is a special war edition. The price is 40 cents; and it is well worth it. Address "The School," Corner Bloor and Spadina, Toronto.

    The Garden Magazine is now better than ever. It costs $\$ 1.85$ a year. Address Doubleday, Page $\&$ Co., Garden City, N. Y.

[^6]:    Writing:-Practise in free arm movements with attention to spacing and to uniform height and slope, Prescribed copy books 7 and 8.

[^7]:    "38. After the adoption of such resolution as aforesaid, all the provisions of Part I hereof (except as herein otherwise provided) shall mulatis mulandis on the first day of August following such adoption come into force in such section."

[^8]:    "Most people do not realize how destructive cats are to bird life, because their attention has never been called to the facts and because most feline depredations occur at night. In my investigations much evidence has been secured which is convincing. In the year 1903, at the instance of the secretary of the State Board of Agriculture, an inquiry was undertaken regarding the decrease of birds in Massachusetts. As a part of this investigation a questionnaire was sent out to some 400 correspondents, which was filled out and returned by more than 200 . In response to a question regarding the effect produced on birds by their natural enemies, 82 correspondents reported cats as very destructive to birds. This was a much larger number than those reporting any other natural enemy as destructive. Nearly all who reported on the natural enemies of birds placed the cat first among destructive animals."-Conservation, Oct., 1916.

