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THE SUPERINTENDENT OF EDUCATION FOR

NOVA SCOTIA.

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OCTOBER, 1907.



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## OFFICIAL.

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*I.—The JOURNAL OF EDUCATION shall be published semi-annually, in the months of April and October respectively, and shall continue to be the medium of Official Notices in connection with the Department of Education.*

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

*III.—Each Secretary of Trustees is instructed and required to file and preserve the successive numbers of the JOURNAL for the benefit of his fellow Trustees and the Teacher or Teachers of his section, and their successors, and to inform his associates in office, and the Teacher or Teachers, of its receipt, so soon thereafter as may be convenient.*

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## Regulations of C. P. I. as amended up to September, 1907.

### PROVINCIAL EXAMINATION OF HIGH SCHOOL STUDENTS.

82. "High School Students" shall be held to mean all who have passed the County Academy Entrance Examination and are studying the subjects of any high school grade, or who are certified by a licensed teacher as having fully completed the Common School course of study, and are engaged in the study of subjects beyond Grade VIII.

83. A terminal examination by the Provincial Board of Examiners shall be held at the end of each school year on subjects of the first, second, third, fourth and fifth years of the High School Program, to be known also as Grades IX, X, XI, XII Preliminary and XII Final (or XIII) respectively of the Public Schools.

84. The examinations shall be held during the first week of July, according to the time tables given in 98 (a) and (c), for Grade XII at the following stations:— Amherst, Antigonish, Halifax, Kentville, Liverpool, Pictou, Sydney, Truro and Yarmouth; for Grades XI, X and IX, and the "Minimum Professional Qualification" of public school teachers at each of the following stations, viz:—1, Advocate; 2, Amherst; 3, Annapolis; 4, Antigonish; 5, Arichat; 6, Baddeck; 7, Barrington; 8, Bear River; 9, Berwick; 10, Bridgetown; 11, Bridgewater; 12, Canso; 13, Chester; 14, Church Point; 15, Digby; 16, Glace Bay; 17, Great Village; 18, Guysboro; 19, Halifax; 20, Kentville; 21, Liverpool; 22, Lockeport; 23, Lunenburg; 24, Mabou; 25, Maitland; 26, Margaree Harbor; 27, Middle Musquodoboit; 28, Middleton; 29, New Glasgow; 30, North Sydney; 31, Oxford; 32, Parrsboro; 33, Pictou; 34, Port Hawkesbury; 35, Port Hood; 36, River John; 37, Sheet Harbor; 38, Shelburne; 39, Sherbrooke; 40, Springhill; 41, Stellarton; 42, St. Peter's; 43, Sydney; 44, Tatamagouche; 45, Truro; 46, Upper Stewiacke; 47, Westport; 48, Westville; 49, Windsor; 50, Wolfville; 51, Yarmouth.

85. (a) Application for admission to the Provincial High School examination must be made on the prescribed form to the Inspector within whose division the examination station to be attended is situated, not later than the 24th day of May.

(b) Candidates applying for the Grade IX examination, or for the next grade above the one already successfully passed by

them, shall be admitted free. But a candidate who has not passed Grade IX must have his application for X accompanied by a fee of one dollar; if he has passed neither IX nor X the application for XI must be accompanied by two dollars; and if he has passed neither IX, X nor XI the application for XII or XIII must be accompanied by three dollars. The candidates who are entitled to free examination are only those who pass the different grade examinations in consecutive order.

- (c) For the Teachers' Minimum Professional Qualification Examination a fee of two dollars is required; but it should not be forwarded with the application, for it has been found more convenient to have it paid to the Deputy-Examiner on the Saturday when the candidate presents himself for examination. The Deputy-Examiner shall transmit the same to the Superintendent with his report.
- (d) The prescribed form of application, which can be obtained free from the Education Department through the Inspectors, shall contain a certificate which must be signed by a licensed teacher having at least the grade of scholarship applied for by the candidate whose legal name must be fully and plainly written out on the application form.
- (e) When a candidate presents himself for examination, and his name is not found on the official list as having made regular application in due time, the Deputy-Examiner may admit him to the examination provisionally on his written statement that application was regularly made in due time, which with a fee of one dollar, is to be transmitted with the Deputy's report to the Superintendent. If such candidate's statement is verified the dollar shall be returned. Providing there is sufficient accommodation, the Deputy-Examiner may admit any candidate on the payment of one dollar for any Grade in addition to the regular fees required under Reg. 85 (b).
- (f) The prescribed form of application is given in schedule B.

86. Each Inspector shall forward, to the Superintendent of Education, *not later than June 1st*, a list of the applications received for each grade of examination at each station within his division, on the prescribed form supplied from the Education Office. The said forms properly filled in, together with all fees duly credited shall be promptly forwarded to the Education Office.

87. The Deputy-Examiner, when authorized by the Superintendent of Education, shall have power to employ an assistant or assistants, who shall each receive two dollars per day for the time so employed.

88. The Superintendent of Education shall cause to be prepared and printed suitable examination questions for each examination in accordance with the regulations of the Council, and shall forward to each Deputy-Examiner a sufficient supply of the same together with copies of such rules and instructions as may be necessary for the due conduct of the examination.

89. The maximum value of each paper shall be 100; the questions being made as nearly as possible equal in value. After 1908 the *values* of questions may be unequal, but shall be stated near the margin of each question.

90. Each examiner shall mark distinctly by coloured pencil or ink at the left hand margin of each question on the candidate's paper its value, placing the sum of the marks on the back of the folded sheet. From this sum the number of misspelled or obscurely written words is to be deducted to show the net value of the paper; provided, however that from one to three may be added by the Examiner for specially good writing.

91. (a) The "High School Pass" on all grades shall be an average of *fifty* per cent. on six subjects with no mark below *thirty* per cent.

91. (b) The "Teachers' Pass" shall be an average of *sixty* per cent. with no mark below *forty* per cent. on the six subjects.

92. *Repealed except as specified in 98 (c).*

93. (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 next grade below, provided an average of 40 per cent with no mark below 25 be made; and as making a pass on the grade second below, provided an average of 30 per cent be made with no mark below 20.

(b) Candidates failing to make a Teachers' Pass in the grade applied for shall be ranked as making a Teachers' Pass in the next grade below, provided an average of 50 per cent be made with no mark below 30; and as making a Teachers' Pass on the grade second below, provided an average of 40 per cent be made with no mark below 25.

94. Each candidate, provided no irregularity has been reported, shall receive from the Superintendent of Education a certificate containing the examination record in each subject. If the candidate has made a "High School Pass," the certificate will bear the title "HIGH SCHOOL CERTIFICATE," and show the grade obtained under the arms of the Education Department; but candidates failing to pass shall receive an equally detailed statement of their examination record on the various subjects.

95. Candidates passing the various grades in consecutive order shall be admitted free to the regular Provincial High School Examinations, provided their application and procedure have been regular. In all other cases a scale of fees as given in 85 (b) and (e) has been fixed to cover the cost of examination and extra labor likely to be incurred.

96. The subjects, number and values of the papers for the different examinations, and the general scope of examination questions, are indicated generally by the texts named in the prescribed High School Program. Examination may demand description by drawing as well as by writing in all grades.

#### PROVINCIAL EXAMINATION RULES.

97. No envelopes shall be used to enclose papers. *Two* hours is the time allowed for writing each paper; except in the case of the M. P. Q. examinations, where the time allowed for each paper shall be one hour. The following rules must be exactly observed:—

(1) Candidates shall present themselves at the examination room punctually half an hour before the time set for the first paper of the grade for which they are to write, at which time the deputy examiner shall give each candidate a seat. The candidate's name shall be represented by a number, and must therefore be neither forgotten nor changed. Candidates who *present* themselves shall be numbered from 1 onwards in consecutive order (without hiatus for absent applicants, who cannot be admitted after the numbering), beginning with grade XII, then coming to XI, X and IX in order. Candidates for "Supplementary" examinations need not present themselves until the hour fixed for their papers in the regular timetable, provided they have sent in their applications and the titles of the papers on which they intend to write.

(2) Candidates shall be seated before the instant at which the examination is fixed to begin. No candidate late by the fraction of a minute has the right to claim admission to the examination room, and any candidate leaving the room during the progress of any examination must first hand in his or her paper to the deputy examiner, and not return until the beginning of the next paper.

(3) Candidates shall provide themselves with pens, pencils, mathematical instruments, rulers, ink, blotting-paper, and a supply of good, heavy foolscap paper of the size thirteen inches by eight.

(4) Candidates may write upon both sides of their paper. When more sheets than one are used they must be fastened together. Each sheet should bear the Candidate's grade and number. In order to

secure high values from examiners neat writing and clear concise answers are much more important than extent of space covered or the number of words used.

(5) Each such paper must be *exactly* folded. First, by doubling, bottom to top of page, pressing the fold (paper now  $6\frac{1}{2}$  by 8 inches); next, by doubling again in the same direction, pressing the fold flat so as to give the size of  $3\frac{1}{4}$  x 8 inches.

(6) Finally the paper must be exactly indorsed as follows:—A neat line should be drawn across the end of the folded paper one-half an inch from its upper margin. Within this space,  $3\frac{1}{4}$  inches by  $\frac{1}{2}$  inch, there must be written in very distinct characters, 1st, the letter indicating the grade; 2nd, the candidate's number, and 3rd, a vacant parenthesis of at least one inch, within which the deputy examiner shall afterwards place the private symbol indicating the station. Immediately underneath this space and close to it should be neatly written the title or subject of the paper.

For example, candidate No. 18 writing for Grade XI on Algebra should endorse his paper as shown below:—

XI (	) 18	Algebra.
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(7) The subject title, grade and candidate's number may be written within, over the commencement of the paper also; but any sign or writing meant to indicate the candidate's name, station or personality may cause the rejection of the paper before it is even sent to the examiners.

(8) Any attempt to give or receive information, even should it be unsuccessful, the presence of books or notes on the person of a candidate, or within his reach during examination, will constitute a violation of the examination rules, and will justify the deputy examiner in rejecting the candidate's papers, and dismissing him from further attendance. No dishonest person is entitled to a provincial certificate or teacher's license. And where dishonesty at examination is proven, provincial certificates already obtained and licenses based on them will be cancelled.

(9) It is not necessary for candidates to copy papers on account of erasures or corrections made upon them. Neat corrections or cancelling of errors will allow a paper to stand as high in the estima-



tion of the examiner as if half the time were lost in copying it. Answers or results without the written work necessary to find them will be assumed to be only guesses, and will be valued accordingly.

(10) Candidates are forbidden to ask questions of the deputy examiner with respect to typographical or other errors which may sometimes occur in examination questions. The examiner of the paper alone will be the judge of the candidate's ability as indicated by his treatment of the error. No candidate will suffer for a blunder not his own.

(11) Candidates desiring to speak with the deputy examiner will hold up the hand. Communication between *candidates* at examination, even to the extent of passing a ruler or making signs, is a violation of the rules. Any such necessary communication can be held through the deputy examiner only.

(12) Candidates should remember that the deputy examiner cannot overlook a suspected violation of the rules of examination without violation of his oath of office. No consideration of personal friendship or pity can therefore be expected to shield the guilty or negligent.

(13) Candidates intending to apply for license upon a record made at this examination, should fill in a form of application for such license as is expected. The deputy examiner is provided with blank forms for those who do not already have them. The applicant should have his certificate of age and character correctly made out and signed, and should fill in the number, station and year of any previous examination he has taken, whether he has been successful in obtaining a certificate thereon or not. He should also fill in his number, station, etc., and grade of certificate or rank of M. P. Q. expected. This latter should be placed in *brackets*, which will be understood to mean that it is not yet obtained but is *expected* to be obtained.

(14) All candidates will be required to fill in and sign the following certificate at the conclusion of the examination, to be sent in with the *last* paper:—

CERTIFICATE.

Examination Station . . . . . Date . . . . . July, 190 . . . . .

Candidate's No. (            )

I truly and solemnly affirm that in the present examination I have not used or had in the Examination Room, any book, printed paper, portfolio, manuscript, or notes of any kind, bearing on any subject of

examination; that I have neither given aid to, nor sought nor received aid from, any fellow-candidate; that I have not wilfully violated any of the rules, but have performed my work honestly and in good faith.

(Name in full) }

(Without any contraction in any of its parts)

P. O. to which memo. or certificate is to be sent.

98 (a). TIME TABLE.

REGULAR PROVINCIAL HIGH SCHOOL EXAMINATION, JULY, 1908.

Day of Week.	Grade.	Examination Papers from 10 a. m. to 12 a. m.	Examination Papers from 2 p. m. to 4 p. m.
Monday	XIII	German.	Chemistry. Physics.
	XII	"	
	XI	"	
	X	"	
	IX	"	
Tuesday	XIII	English.	Greek or French " " " " " " French.
	XII	"	
	XI	"	
	X	"	
	IX	"	
Wednesday	XIII	Analytical Geometry. Plane and Solid Geometry. Geometry. Geometry. Drawing.	Mediæval and Modern History. Ancient History. Universal History. English History. Geography.
	XII		
	XI		
	X		
	IX		
Thursday	XIII	Trigonometry, Plane and Spherical. Algebra. " " "	Geology or Zoology. Botany. Physics. Chemistry. Science
	XII		
	XI		
	X		
	IX		
Friday	XIII	Latin (Paper 1). " " Practical Mathematics. Arithmetic. "	Latin (Paper 2.) " " Latin. " "
	XII		
	XI		
	X		
	IX		

98 (b). TIME TABLE.

M. P. Q. EXAMINATION, JULY, 1908.

SATURDAY.

TIME A. M.	SUBJECT.	TIME P. M.	SUBJECT.
9.00 to 10.00	1. School Law and Forms.	2.00 to 3.00	4. School Management.
10.10 " 11.10	2. Theory and Practice.	3.10 " 4.10	5. History of Education.
11.20 " 12.20	3. Hygiene and Temperance.	4.20 " 5.20	6. Pedagogy.

98 (c). SPECIAL REGULATION FOR COMPLETING THE OLD "A."

(1) The following A candidates are privileged to take the examination in the manner prescribed up to and including July 1907, and according to the time-table in force at that date (See *Time Table below*):—

- (a) Those who have taken "Partial A" and elect to take this examination to complete their A.
- (b) Those who have written unsuccessfully for A (cl.) or A (sc.).
- (c) Those properly certified as having done at least two years work in A (cl.) or A (sc.).
- (d) Those who have partially completed the A (cl. and sc.).

(2) Those holding "Partial A" at present may complete the A in one of two ways:—

- (a) By passing the A Final.
  - (b) In the manner prescribed in paragraph (1) above.
- (3) After 1909 the privilege of completing the A according to regulations (1) and (2) above shall no longer be granted.
- (4) All applications for this examination should be made to the Superintendent of Education on or before the middle of January, specifying each subject on which a paper is desired, and the station for examination.

## TIME TABLE (OLD 'A' EXAMINATION.)

		MONDAY.			
During regular Examination week in July, 1908 and 1909, in separate rooms at a few A Stations as arranged before 1st March, 1908.				A. M.	
				9.00 to 10.00	Roman History.
				10.10 " 11.10	Chemistry.
				11.15 " 12.15	Xenophon.
				P. M.	
				2.00 to 3.00	Greek History.
		3.10 " 4.10	Botany.		
		4.15 " 5.15	Demosthenes.		
TUESDAY.				WEDNESDAY.	
		A. M.		A. M.	
		9.00 to 10.00	Tacitus.	9.00 to 10.00	Algebra.
		10.10 " 11.10	Zoology.	10.10 " 11.10	Latin Composition.
		11.15 " 12.15	Navigation.	11.15 " 12.15	French Authors.
		P. M.		P. M.	
		2.00 to 3.00	Æschylus.	2.00 to 3.00	English Language.
		3.10 " 4.10	Sanitary Science.	3.10 " 4.10	French Composition.
		4.15 " 5.15	Astronomy.	4.15 " 5.15	Geology.
THURSDAY.				FRIDAY.	
		A. M.		A. M.	
		9.00 to 10.00	Geometry.	9.00 to 10.00	Trigonometry.
		10.10 " 11.10	Greek Composition.	10.10 " 11.10	Psychology.
		11.15 " 12.15	Cicero.	11.15 " 12.15	Horace.
		P. M.		P. M.	
		2.00 to 3.00	Physics.	2.00 to 3.00	British History.
		3.10 " 4.10	German Composition.	3.10 " 4.10	English Literature.
		4.15 " 5.15	Vergil.	4.15 " 5.15	German Authors.

## OPTIONAL EXAMINATION IN MUSIC, ETC.

- (a) At the County Academy Entrance Examination and the Teacher's Minimum Professional Qualification Examination candidates who have taken London Tonic Sol-Fa certificate can for the question in music *substitute* their certificates for which values will be given as follows:—For "Junior" certificate, 10; for "Elementary" certificate, 15; and for "Intermediate" certificate, 20—the last two for M. P. Q. only.
- (b) The candidate will enter in a parenthesis as an answer to the No. of the question on music in his examination paper, the words "Junior Certificate," or "Elementary Certificate," or "Intermediate Certificate," as a reference to the fact that such a certificate has been handed to the deputy examiner, bearing on its back the name, and address, and examination number, and station of the candidate plainly endorsed upon it.
- (c) The certificates will be received by the deputy examiner, compared with his list to verify the correctness of the endorsement by the candidates, then enclosed in one envelope addressed, in the case of the Academy Entrance, to the Principal, and in

the case of the M. P. Q. to the Superintendent of Education, who, after perusal, shall return them to the respective candidates.

- (d) The Principal or the Superintendent, as the case may be, shall then endorse 10, 15, or 20 points (according to *a*) on the examiner's report and on the candidate's paper below the general valuation number and add the two together for the total value of the paper.
- (e) To prevent the possibility of two values being given by accident, the examiner of a paper in which a certificate is substituted for the question, shall mark the general value of the paper with an asterisk, both on the paper and on his report.
- (f) No certificate from any local examiner of the London Tonic Sol-Fa College shall be accepted, unless the examiner has previously given a satisfactory proof to the Principal or Superintendent that he or she has been duly appointed as local examiner for the grade of certificate in question by the authorities of the said College.
- (g) At the County Academy Entrance Examination the certificate of Attendance for a year at a Mechanic Science school, or a Domestic Science school, can be accepted for the answer to a question on the subject in like manner as the "Junior" Tonic Sol-Fa certificate—value from 0 to 20, according to the character of the candidate's worth.

#### LICENSING OF TEACHERS.

100. No person can be a teacher in a public school entitled to draw public money without a License from the Council of Public Instruction. Before obtaining a license a candidate must obtain, *first*, a certificate of the prescribed GRADE of Scholarship at the Provincial High School Examination; *second*, the prescribed certificate of professional RANK as a teacher, either from the Provincial M. P. Q. Examination or the Provincial Normal School, and *third*, the prescribed certificate of age and character from a minister of religion or two Justices of the Peace. The value of a License is distinguished by the term CLASS; of scholarship by the term GRADE; of professional skill by the term RANK. Full information as to the licensing will be found in Regulations 101 to 114 inclusive, but the following collocation of the terms used will help to explain their significance and relation:—

Generally,

	(1)	(2)	(3)
	"Teacher's Pass Scholarship."	Normal Diploma.	Age & Character.
Class A	requires....Grade XII (Final).....	Academic Rank.....	21 years, etc.
Class B	".....Grade XI.....	First Rank.....	19 years, etc.
Class C	".....Grade X.....	Second Rank.....	18 years, etc.
Class D	".....Grade IX.....	Third Rank.....	17 years, etc.
Class D (Temp.)	".....Grade IX.....	"	M.P.Q. 16 years, etc.

The following are the exact requirements for the licensing of teachers :—

101. No diploma of the Provincial Normal School shall be awarded any candidate who is found defective (below 40 %) in the scholarship of any of the six subjects of the Provincial Program taken in the corresponding grade, until the Faculty is satisfied that creditable proficiency has been made in each such subject.

102. When a candidate obtains a teacher's license without graduation from the Provincial Normal School, it can be only of a class one degree lower than the "teachers' pass" grade of scholarship.

103. *Repealed.*

104. No certificate, combination of certificates, nor any other qualification except the possession of a lawfully procured License gives a person authority to teach under the law in a public school. The regulations governing the issuance of licenses are as follows:—

105. The permanent Licenses of Public School teachers shall be under the SEAL of the Council of Public Instruction signed by the Secretary of the Council, shall be valid for the whole province during the good behaviour of the holder, and shall be granted on the fulfilment of the three conditions more fully specified in the succeeding regulations, namely: the presentation of the prescribed proof of (1) age and character, (2) scholarship, and (3) professional skill.

106. There shall be four classes of such licenses, which may be designated as follows:—

Class A—Academic.

Class B—First Class.

Class C—Second Class.

Class D—Third Class.

107. The certificate of professional qualification or skill shall be (a) the academic, first, second or third RANK classification by the Normal School, or (b) the *minimum* (which shall rank one degree lower than the *normal*), and shall be the academic, first, second or third rank pass on the following papers written on the Saturday of Provincial Examination week.

The questions set for the minimum professional qualification examinations shall be on the following syllabus:—

1. *School Law and Forms.*

(a) The acts of the Legislature and Regulations of the Council of Public Instruction bearing on public education, with their latest amendments, and a knowledge of the way in which the law is to be administered.

(b) The proper keeping of the School Register, the making out of neat and accurate school Returns, and a knowledge of all the ordinary forms required by school boards in administering the affairs of the section.

2. *Theory and Practice of Teaching.*

As in Calkin's "Notes on Education," or any equivalent.

3. *Hygiene and Temperance.*

As in Knight's "Introductory Physiology and Hygiene," the Education Act and Regulations, and the text books prescribed for the public schools.

4. *School Management.*

As in *Lectures on Teaching*, by Sir Joshua Fitch.

5. *History of Education.*

As in *Educational Reformers*, by Quick.

6. *Pedagogy.*

Bagley's *The Educative Process*.

For *Third Rank M. P. Q.*—An aggregate of 150 on 1, 2 and 3, with no subject below 30 per cent.

For *Second Rank M. P. Q.*—An aggregate of 250 on 1, 2, 3, 4 and 5, with no subject below 40 per cent.

For *First Rank M. P. Q.*—An aggregate of 300 on 1, 2, 3, 4 and 5, with no subject below 50 per cent.

For *Academic Rank M. P. Q.*—An aggregate of 360 on 1, 2, 3, 4, 5 and 6, with no subject below 50 per cent.

108. The Provincial Normal School at Truro is recognized as the appropriate source of certificates of professional qualification for public school teachers; but the certificates of other Normal or teach-

ers' training schools whose *curricula* may be satisfactorily shown to the Council to be at least the equivalent of those of the Provincial Normal School, may be accepted when qualified by the addition of the two following conditions: (a) a pass certificate of the Provincial "minimum" professional qualification examination of the corresponding rank, and (b) a certificate of a Public School Inspector, before whom or under whose supervision the candidate has demonstrated by the test of actual teaching for a sufficient period his or her qualifications for the class of license sought.

In the case of candidates whose course of professional training had been completed before the grade of scholarship necessary for the class of license afterwards applied for was obtained, no license shall be issued until after the lapse of a year from the date of the certificate of high school grade required for the said license.

109. The prescribed certificate of age and character is given in the following blank form of application for license, which will be supplied to candidates by the Education Department, through the Inspectors or the Principal of the Normal School:—

FORM OF APPLICATION FOR A TEACHER'S LICENSE.

To.....

Inspector of Schools, Division No.....Nova Scotia.

I hereby beg leave through you to make application to the Council of Public Instruction for a Teacher's License of Class ..... and herewith I present evidence of compliance with the conditions prescribed, namely:—

I. The prescribed certificate of age and character hereto attached, which I affirm to be true.

II. My High School certificate of Provincial Grade.....obtained at.....Examination Station as No....., in the year 190.. (Further information below.)

III. My certificate of professional qualification of..... Rank No.....obtained at.....in the month of....., 190

(Name in full.).....

(Post Office address).....

Date .....

(County).....



CERTIFICATE OF AGE AND CHARACTER.

I, the undersigned, after due inquiry and a sufficient knowledge of the character of the above named candidate for a Teacher's License, do hereby certify:—

That I believe the said candidate..... (name in full), was born on the ..... day of ....., in the year .....; and

That I believe the moral character of the said candidate is good, and such as to justify the Council of Public Instruction in assuming that the said candidate will be disposed as a teacher to "inculcate by precept and example a respect for religion and the principles of Christian morality, and the highest regard for truth, justice, love of country, loyalty, humanity, benevolence, sobriety, industry, frugality, chastity, temperance and all other virtues."

..... (Name and title.)

..... (Church or Parish.)

..... (P. O. Address.)

Date .....

(When the certificate given above is signed by "two Justices of the Peace" instead of a "Minister of Religion," the word "I" should be changed by the pen into "we," and after the signature on the second line the words "Church or Parish" should be cancelled by a stroke of the pen.)

The correct *quotation* of the High School certificate in II. above will be considered as equivalent to its presentation. When the candidate makes application at the High School Examination Station, the *grade or rank* of certificate *written for and expected* may be entered, but shall be enclosed in a parenthesis, which will be understood to indicate the *expected* result of the Examination.

The correct *quotation* of the Provincial M. P. Q. Certificate or the Provincial Normal School Diploma in III. above, will be considered as equivalent to its presentation.

Any certificate from Normal Schools, etc., which are not regularly recorded in the Education office, must *accompany* this application as evidence of the correctness of the quotation.

FURTHER INFORMATION FROM APPLICANT.

- 1. Class of license already held . . . . . No. . . . . Year . . . . .
- 2. University Degrees, Scholarship, Professional Training, experience, or any other information candidate may wish to state.

.....

.....

- 3. Provincial High School Examinations taken in addition to that specified in II. above, whether a "High School Pass" certificate was obtained or not, (necessary to prove that the candidate made a "Teachers' Pass" in the lower grades).

On Grade XII (Final) at Examination Station.....	No.....	Year.....
" XII (Prelim.).....	".....	".....
" XI.....	".....	".....
" X.....	".....	".....
" IX.....	".....	".....

GENERAL OR SPECIAL INDORSATION OR REMARKS BY INSPECTOR (OR PRINCIPAL OF NORMAL SCHOOL.)

.....

.....

.....Inspector.

Place and date .....

110. For an Academic or Class A License the following three conditions are necessary. (1) A certificate signed by a Minister of Religion or two Justices of the Peace, as in the preceding form, to the effect that the candidate is of the full age of twenty-one years, and capable of fulfilling the duties specially mentioned in the statute. (2) A pass certificate of the Grade XII (Final). (3) A certificate of academic rank professional qualification from a Normal School;

OR Honor graduates in Arts or Science of recognized Universities who along with the required certificates of age and character, present satisfactory certificates of attendance on approved University courses in the History of Education, the Theory and Practice of Teaching, School Law and School Management; and who likewise present M. P. Q. certificates of academic rank, shall be eligible to receive Teachers' Licenses of the Academic Class. No course of less than 50 hours instruction in the History of Education and the Theory of Teaching shall be approved; and no course of less than 50 hours in the Practice of Teaching shall be approved, of which at

least 20 hours shall be spent in actual teaching under approved supervision, and the remainder in the observation of the practice of teaching in the public schools of the province.

Universities claiming the above privilege for their graduates shall submit their claims for recognition, including their matriculation standards and their courses for ordinary and for honor degrees, to the Council of Public Instruction.

111. For a First Class or B License the three following conditions are necessary:—(1) A certificate of the full age of nineteen years and moral character as in the foregoing regulation. (2) A Teachers' Pass certificate of Grade XI. (3) A Teachers' certificate of first rank professional qualification from a Normal School.

OR, (1) A certificate of age and character as above. (2) A Teachers' Pass certificate of Grade XII Final. (3) A certificate of first rank M. P. Q.

112. For a Second class or C License the following three conditions are necessary:—(1) A certificate of the full age of eighteen years and moral character as in the foregoing regulation. (2) A Teachers' Pass certificate of Grade X. (3) A certificate of second rank professional qualification from a Normal School.

OR, (1) A certificate of age and character as above. (2) A Teachers' Pass Certificate of Grade XI. (3) A certificate of second rank M. P. Q.

113. For a Third Class or D License the following three conditions are necessary:—(1) A certificate of the full age of seventeen years and moral character as in the foregoing regulation. (2) A Teachers' Pass certificate of Grade IX. (3) A certificate of third rank professional qualification from a Normal School.

OR, (1) A certificate of age and character as above. (2) A "Teachers' Pass" certificate of Grade X. (3) A certificate of third rank M. P. Q.

#### TEMPORARY LICENSE.

114. A Third Class (Temp.) or D (Temp.) License, *valid only for one year* may be granted (but not previous to the 15th day of September in any school year) on regular application when the following *four* conditions are fulfilled:—(1) A certificate of the full age of sixteen years and moral character as in the foregoing Regulation. (2) A pass certificate of at least Grade IX as in the foregoing Regulation. (3) The third rank minimum professional qualification. (4) A recommendation of the candidate as a temporary teacher for a specified school by the Inspector, who must previously be assured by the

trustees of the said school that, although reasonable effort was made to employ a regular teacher of permanent class, one could not be obtained, and that the candidate would be acceptable to the school section as a teacher for the year. Such License can be re-issued for another year only when the candidate has demonstrated an advance of *grade or rank* in his qualifications at a *subsequent* Provincial Examination.

### COUNTY ACADEMY ENTRANCE EXAMINATION.

Regulation 61 of the C. P., (page 81, Manual of School Law) is repealed and the following substituted in its place.

The regular mode of admission into county academies shall be by an entrance examination in the last week of the school term in June, on the common school course 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, (*third series* for 1908). [*Music*: Candidates known from individual or class exercises, or from reliable certificates, to be able to sing, especially when they have a practical acquaintance with any system of musical notation, may receive an extra mark as a bonus under this head at the option of the examiner, providing the *Reading* is passable. See also Reg. 99.] (2) *Language*. (3) *Drawing and Bookkeeping*. (4) *Geography and History*—Geography of Asia, Africa, Oceania, in detail, with a review of Canada. *History of Canada* (Hay or Calkin). (5) *General Knowledge*: (a) The five families, Crowfoot, Rose, Heath, Violet and Lily; with the important native trees and the common weeds injurious to agriculture. (b) The common rock and minerals of Nova Scotia. (c) Common insects injurious to plants and animals. (d) A few of the common birds. (e) *Health Reader*, No 2. (*Mechanic or Domestic Science* or Music as in Regulation 99). 6. *Mathematics*.

FROM THE REPORT OF THE COMMITTEE ON COLLEGE ENTRANCE REQUIREMENTS, NATIONAL EDUCATIONAL ASSOCIATION, 1899.

Three distinct terms seem to be needed :

1) *Program of studies*, which includes *all the studies* offered in a given school ;

(2) *Curriculum*, which means the *group* of studies schematically arranged for *any pupil* or *set of pupils* ;

(3) *Course of study*, which means the quantity quality and method of the work in *any given subject* of instruction.

Thus the *program* of studies includes the *curriculum*, and may indeed furnish the material for the construction of an indefinite number of curriculums. The *course of study* is the unit, or element, from which both the program and the curriculum are constructed.

154. HIGH SCHOOL PROGRAM FOR 1907-08.

1). The maximum value of each examination paper shall be 100, and the passes shall be determined not by the aggregate mark, but by the average on the prescribed group of six subjects.

(2). The "High School Pass" in all grades shall be an average of 50 % with no mark below 30 % on the group of six subjects.

(3). The "Teachers' Pass" shall be an average of 60 % with no mark below 40 % on the group of six subjects.

(4). Two hours shall be given at examination for each paper, which shall contain only eight questions (no options).

(5). No candidate shall write upon more than six subjects of any grade at any regular examination (except when French and German are taken instead of Latin).

(6). When a candidate wishes to raise a "High School Pass" to a "Teachers' Pass" he shall be required to make a mark of 60 per cent instead of 40 per cent on the subject or subjects on which he writes. This can be necessary only when a candidate is not writing for a higher grade, and therefore all such supplementaries can be taken on the papers of the regular examination.

(7). A candidate who has taken Latin 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 70 per cent. mark is made in each case.

(8). All teachers' licenses must continue to be granted under the regulations of the last school year 1906-7 until after the Provincial Examinations of 1908; after which date they can be granted only under the revised regulations published September, 1907. and future amendments.

(9). The "High School Pass" admits to the corresponding class in the Provincial Normal School, whose faculty can raise it to the "Teachers' Pass" on evidence of improved scholarship, without which the Normal School diploma cannot be awarded.

(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 defects, and if examined, the papers are subject to a deduction of marks.

(11). The high school subjects to be taught in a rural, or incompletely graded high school, shall be determined 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.

### GRADE IX.

(English and any other *five* subjects imperative.)

#### I. ENGLISH:—

(a) LITERATURE—Lamb's *Tales from Shakespeare*, 4 tragedies and 4 comedies—Lear, Othello, Macbeth, Merchant of Venice, Hamlet, Tempest, As You Like It, and Twelfth Night—8 out of 20 in the edition of T. C. Allen & Co., and Longfellow's *Evangeline*, with critical study, word analysis prosody and recitations; English Composition as in *Sykes*, or an equivalent in the hands of the teacher, with essays, abstracts and general correspondence so as to develop the power of fluent and correct expression in writing.

(b) As in GRAMMAR (except notes and appendix) with easy exercises in parsing and analysis.

2. LATIN:—As in *Collar and Daniell's First Latin Book*, to end of Chapter L., or any equivalent grammar, with easy translation and composition exercises. [The *Roman* (phonetic) pronunciation of Latin to be used in all grades].

3. FRENCH:—Bertenshaw's Grammar, Part I., and First Reader to page 56.

4. GEOGRAPHY:—Physical and Astronomical, General Geography of continents and British Empire in detail as in *Calkin*.

5. ARITHMETIC:—As in the *Academic* to page 63.

6. ALGEBRA:—As in Hall and Knight's *Elementary* to end of Chapter XVI.

## 7. DRAWING:—

- (a) As in Morton's *Mechanical Drawing*.  
 (b) High School Drawing Course, No. 1, with model and object drawing and *Manual Training* No. 2.

8. SCIENCE: Botany—(5 Q.) Spotton (except Chap. XIX) and the study of the Wild Plants of the Phenological observations, with *Pteris*, *Aspidium*, *Onoclea*, *Osmunda*.

Physics—(3 Q.) As in Primer or equivalent (winter months).  
 Text to be used only as an aid to the study of the subject.

## GRADE X.

(English and any other *five* subjects imperative.)

## 1. ENGLISH:—

(a) Same subjects as in previous grade but more advanced scholarship required. Composition as in *Sykes*, or an equivalent in the hands of the teacher, with special attention to the development of readiness and accuracy in written narrative, description, exposition and general correspondence.

(b) As in GRAMMAR:—text book complete.

2. LATIN:—As in *Collar and Daniell's First Latin Book* complete, and "*Cæsar's Invasion of Britain*," by Welch and Duffield.

3. GREEK:—As in *White's First Greek Book*, lessons I to end of L.

Or FRENCH:—*Bertenshaw's Grammar*, Part II, and *Souvestre's "Le Chevrier de Lorraine."*

Or GERMAN:—As in *Joyes-Meissner's Grammar*, first 25 exercises, with *Buchheim's Modern German Reader*, Part I., first division only.

4. HISTORY:—Review of British History as in "Outlines" or *Calkin's*; and oral lessons by teacher based on *Bourinot's "How Canada is Governed"* (one question).

5. CHEMISTRY:—Inorganic, as in *Williams except Chapter XIII*; or the corresponding matter in *Waddell*.

6. ARITHMETIC: Text book completed.

7. ALGEBRA: As in *Hall & Knight's Elementary* to end of Chapter XXVII.

8. GEOMETRY: *Hall & Stevens' Euclid*. Books I and II, with exercises to end of page 85.

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GRADE XI.

[*Junior Leaving Examination.*]

(English and any other five subjects imperative.)

1. ENGLISH: LITERATURE—Milton's *L'Allegro, Il Penseroso, Comus* and *Lycidas*; Macaulay's *Essay on Milton*. History of English literature as in *Meiklejohn*.

2. LATIN: Grammar and easy composition partly based on prose author read.

(a) *Cæsar's De Bell. Gall.* Book I (for 1909, Books II and III,) and (b) *Vergil's Æneid*, Book III (also for 1909), with grammatical and critical questions.

3. GREEK: Grammar and easy composition based partly on author read and *White's First Greek Book* completed. *Xenophon's Anabasis*, Book II (for 1909, Book III), with grammatical and critical questions.

or FRENCH: *Fraser and Squair's* Grammar, sections 227 to 344; with the corresponding exercises, pages 343 to 371. *Berthon's Specimens of Modern French Prose*; *Racine's "Athalie,"*

or GERMAN: As in *Joynes-Meissner* to lesson 44, with *Buchheim's Modern German Reader*, Part I, complete. Review of Grade X German.

4. HISTORY:—General History as in *Swinton*.

5. PHYSICS:—As in *Gage's Introduction to Physical Science*, except chapters V and VI for the year 1907-08.

6. PRACTICAL MATHEMATICS:—As in *Murray's Practical Mathematics*, except chapter XI. Mensuration of surfaces and solids to be studied also as in *Eaton* or an equivalent.

7. ALGEBRA:—As in *Hall & Knight's Elementary Algebra* to end of chapter XL, except chapter XXIX to end of XXIXd.

8. GEOMETRY:—*Hall & Stevens' Euclid*, Books III and IV, with the typical and the easier exercises of Books I-IV.



GRADE XII (PRELIMINARY).

[English, Latin (or French and German), one Mathematical, one Scientific and any other two subjects imperative.]

1. ENGLISH. Stopford Brooke (Copp Clark) for reference. Carlyle's *Sartor Resartus*; Shakespeare's *Julius Cæsar*; and Milton's *Paradise Lost*, Books I and II with the following books for outside reading and theme writing; Pope's *Rape of the Lock*; Ruskin's *Sesame and Lilies*; Thackeray's *Henry Esmond*.
2. LATIN. . (Two Papers). (a) Cæsar's *Gallic War* Book VII, Chapters 1-50, with grammar, composition and sight translation; Bennet's *Latin Grammar* and Bradley's Arnold's *Latin Prose Composition* to end of Ex. XXV for 1907-8.  
(b) Cicero's *Pro Milone*, and *Pro Archia*; Vergil's *Æneid*, Books IV and V.
3. GREEK. . Xenophon's *Hellenica*, Books I and II. Homer's *Iliad*, Books I and II (omitting the catalogue of the ships) with grammar based upon the texts. Goodwin's *Greek Grammar*.
- OR FRENCH. Corneille's *Le Cid* and De Vigny's *Cinq Mars*. Berthon's *Specimens of Modern French Verse*, Part I, with questions upon grammar and composition as in Fraser and Squair's *Grammar* sections 345 to 461 with the *Composition* exercises from page 371 to page 394.
- OR GERMAN. Buchheim's *Modern German Reader*, Part II, *Grammar and Composition* as in Joynes-Meissner.
4. ALGEBRA. Hall and Knight's *Higher Algebra*, Chapters 1-23 inclusive, chapter 32 to section 467, chapter 35, omitting (\*) paragraphs throughout the prescribed work.
5. GEOMETRY. As in Hall and Stevens, Books V and VI; and solid geometry.
6. PHYSICS. As in Gage's *Principles of Physics*.

7. BOTANY. As in Bergen and Davis' *Principles of Botany*.
8. ANCIENT HISTORY. History of Greece and Rome as in *Myers' Ancient History* (Revised Edition) Parts II and III.

## GRADE XII (FINAL) OR XIII.

[English, Latin (or French and German), one Mathematical, one Scientific and any other two subjects imperative.]

1. ENGLISH. As in Lounsbury's *English Language*, Chaucer's *Canterbury Tales*, The Prologue, The Knight's Tale and Nonne Preste's Tale (Skeat 2-6 edition).  
Shakespeare's *As You Like It* and *Hamlet*.  
With the following books for outside reading and theme writing; Blackmore's *Lorna Doone*, Ruskin's *Crown of Wild Olive*.
2. LATIN. (Two Papers). (a) Cicero's *De Senectute*; grammar, composition and sight translation.  
(b) Tacitus, *Agricola* and *Germania*.  
Horace, *Epistles*, Books I and II with questions on grammar and subject matter.
3. GREEK. Plato's *Apology*.  
Demosthenes, *Philippics*, I and III.  
Euripides, *Medea*; with questions on grammar and subject matter of the prescribed authors.
- OR FRENCH. Sandeau's *Sacs et Parchemins*.  
Moliere's *Les Femmes Savantes*, and *Le Misanthrope*.  
Berthon's *Specimens of Modern French Verse*, Part II.  
Francois' *Advanced French Prose Composition*, Exercises I to XXV inclusive.
- OR GERMAN. *Prose Selections* from Heine, Edited by Colbeck, (MacMillan & Co.).  
Schiller's *Wilhelm Tell* and Lessing's *Minna Von Barnhelm*. Grammar as in Joynes-Meissner, and *Composition* as in Poll's German Prose Composition.

- 4. TRIGONOMETRY. . . . . *Plane and Spherical* as in Murray's.
- 5. ANALYTICAL GEOMETRY. . . . . As in Wentworth's, Chapters 1, 2 and 3 in full, and chapters 5, 6, 7, omitting supplementary propositions.
- 6. GEOLOGY.\* . . . . As in Norton's, with applications to Nova Scotia.
- OR ZOOLOGY.\* . . . . As in Ontario *High School Zoology* or Equivalent, with dissection of typical N.S. species, see Journal of Education, April, 1902, p. 31.
- 7. CHEMISTRY. . . . . As in Storer and Lindsay's.
- 8. HISTORY. . . . . Myers' *Mediæval and Modern History* (Revised Edition).

\*Only one of these to be on the time-table of any school.

**(SCHEDULE B.)**

**PRESCRIBED FORM OF APPLICATION FOR PROVINCIAL HIGH SCHOOL EXAMINATION.**

AT.....STATION.

To.....Inspector of Schools :

.....May, 190

I,....., a duly licensed teacher of Class....., do hereby certify that the candidates whose names are given below from No. 1 to No.....inclusive, will, to the best of my knowledge, have completed, before the date of next examination, the Prescribed Course of Study up to and including the Grade for which each hereby applies ; and furthermore, according to my judgment, both the *reading* and *writing*\* of each candidate is up to the standard desirable to be maintained for promotion in the High Schools of the Province.

I also forward herewith on behalf of these candidates.....dollars, being the amount of fees required under sub-section (b) of Regulation 85, "Provincial Examination of High School Students," as specified in the list below.

Candidates intending to take the M. P. Q. Examination (fee \$2.00, payable to the Deputy Examiner at Examination) are indicated by the letters M. P. Q. in the column headed "remarks" below.

Signed.....

*Principal of.....School.....Co.*

\*If a candidate has a physical defect preventing good reading or writing, application may be made if qualified by and accompanied with a particular and authentic description of the case for the consideration of the Education Department.

*These pages, 1 to 32 of the October JOURNAL OF EDUCATION, 1907, are being published in advance as a bulletin on the 6th September, 1907.*

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 PROVINCIAL HIGH SCHOOL.
 

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 EXAMINATION QUESTIONS, JULY, 1907.
 

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 County Academy Entrance — (Grade VIII.)
 

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(See Comments and Regulations of the Council of Public Instruction, 59-66, page 80 to 82,  
Manual of 1901.

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10 TO 12 A. M., THURSDAY, 27TH JUNE.

**ENGLISH.**

1. Make sentences in which the following words occur:—*orange, iron, cold, sweet, square, say, forgive, inform, cotton, salmon.*
2. Write the plural of *deer, mouse, ox, wharf, money*; and the singular of *memoranda, trout, teeth, chimneys, wolves.*
3. Write, from memory, a passage of at least *eight* lines of poetry from the Reading selections of the past year.
4. Give the principal parts of the following verbs, and tell which of them are transitive and which are intransitive:—*sit, is standing, are driven, ask, sleep, fall, rise, raise, break, fly.*
5. Explain the following abbreviations:—A. D., inst., Jr., etc., i. e., R. S. V. P.
6. What are the Enlargements of a sentence?  
Define:—Adverbial, Noun, and Adjective clauses.
7. Scan the following stanza, and point out any figures of speech in it:—
 

“ All night long the northern streamers  
Shot across the trembling sky;  
Fearful lights that never beacon,  
Save when kings or heroes die.”
8. Tell how Portia saved the life of Antonio, the Merchant of Venice, or, Write a short description of the place where you live.
- 9 and 10. Analyze the following sentences, and parse the words in italics:—
  - (a). *Six spears'* length from the *entrance*,  
Halted *that* mighty mass.
  - (b). *Uneasy* lies the head *that* wears a crown.
  - (c). The stranger *said* his name *was* Orlando.

2 TO 4 P. M., THURSDAY, 27TH JUNE, 1907.

**MATHEMATICS.**

(All the work necessary to find the answers must be shown in the solution.)

1. Reduce to an improper fraction  $37569 \frac{107}{45064}$
2. Find the greatest number that will divide 10974 and 15336, leaving remainders respectively 54 and 36.
3. A got one-sixth of a certain sum of money, and B got one-seventh of the same sum. A's share was \$8 more than B's. What was the sum, and how much did each get?
4. Reduce 37 miles, 6 furlongs, 35 rods, 2 yards, 1 foot, 11 inches, to inches, and express the result in meters.
5. Two men own 1 share each in different gold mines. A's share decreased in value 10%, and B's increased in value  $12\frac{1}{2}\%$ . Each is now worth \$900. What was the former value of each?
6. A house worth \$6000 and insured at two-thirds of its value, at the rate of  $1\frac{1}{4}\%$ , is destroyed by fire. What was the actual loss?
7. Find the compound interest on \$420 from May 16th, 1906, to Jan. 7th, 1907, at 6%.
8. Find, to four places of decimals, the square root of 1074.9.
9. If  $W = 5a + 4b - 7c$   
 $X = -3a - 9b + 7c$   
 $Y = 20a + 7b - 5c$   
 $Z = 13a - 5b + 9c$   
 evaluate  $W - X - Y + Z$ .
10. Show that when  $x = 5$ :  $y = 3$  and  $a = 4$ ,  
 $(x^2 + y^2 - a)(x^2 - y^2) = x^4 - x^2 a + y^2 a - y^4$

9.00 TO 10.30 A. M., FRIDAY, 28th JUNE, 1907.

**DRAWING AND ACCOUNTS.**

[Only five questions to be answered.]

1. The base of a triangle is 45.6, and the angles at each end of the base are respectively  $52^\circ$  and  $64^\circ$ . Find the length of the two sides correct to a decimal and the vertical angle.
2. Draw freehand from memory, either (a) a natural leaf and the same conventionalized, or (b) a landscape scene, or (c) an animal, or (d) any model or object presented by your examiner.

3. (a). Give a sample of beautiful lettering—a name, title or motto; and (b) your address in the form it should appear on an envelope. (Of no value unless neat, very legible and beautiful).

4. Make out a short bill of parcels as it would appear after being receipted.

5. Rule out a short ledger account so as to show what it looks like.

6 (a). Under what circumstances is a Bill Book necessary? Why? Or (b). Draw out a form of a balance sheet showing the different classes of accounts generally to be found in it.

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10.40 TO 12.00 A. M., FRIDAY, 28TH JUNE, 1907.

### GEOGRAPHY AND HISTORY.

(Only *three* geographical and *three* historical questions to be answered.)

1. Define Longitude, Latitude, Equator, Zone, Gulf, Isthmus, Strait, Cape, Peninsula, Plateau.

2. Give the boundaries of the Province of Quebec, and name the chief rivers and lakes of that Province; or draw a map of New Brunswick marking the chief coast waters and capes.

3. Name the Southern States of the American Union with their capitals. Give also the chief products of each state.

4. Name the *six* great powers of Europe, and tell what you know about Sweden, or Holland, or Switzerland.

5. Write a short note descriptive of British India.

6. Tell what you understand by climate, or give a short description of Australia.

7. Tell what you know about the Norman conquest of England.

8. Name the Sovereigns of the Houses of Tudor and Stuart, and mention the chief events in the reign of any one of them.

9. When and between whom were the following battles fought:—Hastings, Standard, Bannockburn, Bosworth?

10. Tell what you know about any *one* of the following:—Champlain, Frontenac, or Wolfe.

11. Tell the story of Lady La Tour or the outbreak of the Rebellion in the Northwest in 1885.

12. State the causes that led to the war of 1812. Name some of the chief battles fought, and the results.

2.00 TO 4.00 P. M., FRIDAY, 28th JUNE, 1907.

### GENERAL KNOWLEDGE.

[A certificate from any teacher known to be qualified that a pupil can sing at least the prescribed number of school songs, and understands and can use the tonic-sol-fa or staff notation in such melodies, may count as one question. A certificate of a full year's course in *Mechanic or Domestic Science* may count as two questions; but full values are to be given only for the highest possible excellence in such courses; merely passable certificates being rated at about 50 per cent. of full value, according to the judgment of the examiner on the import of the certificate. Candidates presenting certificates can receive no value for answers to questions below referring to the subject of the certificate.

1. Give a list of the songs you can sing. Where did you learn to sing them? Write down in any musical notation the air of one of them so as to show your knowledge of the system. *Or* present a certificate of having passed a recognized musical standard.

2. Indicate with a drawing any work which you have learned to do with tools, or household work, such as sewing, cooking, 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 year's work in a *Mechanic or Domestic Science* department.

3. Why is it considered that total abstinence from alcoholic beverages is a better habit to form, than to use them in moderation, or occasionally?

4. Why do some people who know what is stated in the Health Readers used in our schools, adopt the tobacco habit after they leave school? What do you think could be done to enable people to do what is best for themselves in this habit?

5. Does a good manner enable a person to get on better anywhere than a bad manner? If so or not, explain why?

6(a). What are the good points of military drill in school? What are the points which you do not like in it? *Or* (b). Is there any need of physical exercise in school? Give the reasons for your view.

7. Tell as well as you can what you have learned from seeing cuttings through the surface of the earth with respect to the origin and composition of soil.

8. In like manner discuss any one of the things learned related to the following:—  
(a) Frost action, (b) Water in the air, (c) Light action.

9. What have you learned about the natural history of (a) any insect injurious to the interests of man; *or* (b) birds useful or injurious?

10. What have you learned about plants injurious to human interests. Give a list, if you can, of such plants as you have studied.

## PROVINCIAL HIGH SCHOOL EXAMINATIONS.

*See Comments and Regulations of the Council of Public Instruction, 82 to 98, pages 86 to 98.*

### GRADE IX.

9.00 TO 10.00 A. M., WEDNESDAY, 3RD JULY, 1907.

#### ALGEBRA.

1. If  $a = 0$ ,  $b = 1$ ,  $c = -2$ ,  $d = 3$ , find the value of  $(3abc - 2bcd) \sqrt[3]{a^3bc - c^3bd + 8}$ .
2. Divide  $6x^5 - x^4 + 4x^3 - 5x^2 - x - 15$  by  $2x^2 - x + 3$ .
3. Find the value of  $x$  when  $x - \left(3x - \frac{2x-5}{10}\right) = \frac{1}{6}(2x - 57) - \frac{5}{3}$ .
4. Given  $\frac{9}{x} - \frac{2}{y} = \frac{5}{z} - \frac{3}{x} = \frac{7}{y} + \frac{15}{2z} = 4$ , find the values of  $x$ ,  $y$  and  $z$ .
5. Two persons, 27 miles apart, setting out at the same time are together in 9 hours if they walk in the same direction, but in 3 hours if they walk to meet each other. Find their rate of walking.

Or, extract the cube root of  $54 - 27x^3 + \frac{8}{x^6} - \frac{86}{x^3}$

10.10 TO 11.10 A. M., WEDNESDAY, 3RD JULY, 1907.

#### LATIN.

1. Decline together in both numbers, *bonus filius* and *piger puer*. Compare the adjectives *acer*, *bonus*, *malus*, *magnus*; and the adverbs *bene*, *male*, and *feliciter*.
2. Write in full the future indicative of *sum* and give the principal parts of *facio*, *floreo*, *vinco*, *debeo*, *duco*, *educo*.
3. State the Case to be used in each of the following Constructions:—*Means and instrument*; *the subject of the infinitive*; *time when*; *time within which*; *time how long*; *to denote possession after forms of the verb sum*.
4. Translate into English:—(1) *Servi reginis libros magistri dant.* (2) *Semper erit clarum imperatoris nomen.* (3) *Miles fortis periculo non terretur.* (4) *Nam maximæ erant militum spes et virtus.*
5. Translate into Latin:—(1) *The friend is advised by his faithful brother.* (2) *The Romans were not loved by the Greeks.* (3) *The number of fires in the town was great.* (4) *The messenger is praised by the free people for his speed.*



2 TO 3 P. M., WEDNESDAY, 3RD JULY, 1907.

**ENGLISH LANGUAGE.**

(Only *five* questions to be answered.)

1. Describe the interview between Marley's Ghost and Scrooge.
2. Describe the Christmas dinner at Bob Cratchit's.
3. Give, in your own language, a description of the home of Ellen Douglas.
4. Describe the combat between Fitz-James and Roderick Dhu.
5. Re-write the following, making necessary corrections:—
  - (a). The heat of passion as well as the indolence of indifference are to be avoided.
  - (b). Lay down and rest.
  - (c). He plead earnestly to be allowed to return the purse.
  - (d). It makes us kind of tired to hear him talk.
  - (e). "Waverley" is one of the novels that never tires one in re-reading
6. Write a letter to a friend telling of your school work.

3.10 TO 4. 10 P. M., WEDNESDAY, 3RD JULY, 1907

**FRENCH.**

1 and 2. Translate:—Un jeune homme avait élevé ensemble un lion, un ours et un chien. Ces trois animaux, habitués à se voir dès l'enfance, vivaient en paix et jouaient l'un avec l'autre sans jamais se fâcher. Un jour le chien, un peu trop rude au jeu, fit une légère morsure à la patte de l'ours. Cet animal, reprenant tout à coup sa férocité naturelle, se jeta sur le chien et l'étrangla. Le lion, témoin de cette cruauté de l'ours, ne la laissa pas longtemps impunie. Il se jeta à son tour sur la bête féroce, et vengea la mort du chien par la mort de l'ours.

- (a). Un jour le chien, un peu trop rude au jeu, fit une légère morsure à la patte de l'ours. Write this sentence in the plural.—*Peu*, account for this word, give its comparative and superlative and the corresponding *adjective* forms.
- (b). The boy has written a letter to his parents. Translate this sentence, and write it also in the *negative* and in the *interrogative* form, noting peculiarity of construction in the latter form.
- (c). *La mort du chien*. Parse *du*: explain its formation and mention analogous forms. Illustrate its use as a *partitive* article. When do you translate *some* and *any* by *de*, when by *des* and when by *en*? Give examples.

3 and 4. Translate:—Un matin donc, s'étant éveillée avec le jour, elle monta à l'atelier pour travailler au portrait de l'évêque. Personne n'était entré dans la pièce; du moins, le désordre de la veille y régnait encore. Quelle fut la surprise d'Angélica en trouvant sa boîte aux crayons ouverte, tous ses pastels bouleversés et plusieurs traits rouges tracés tout au travers de son beau portrait. Angélica demeura confondue devant

son ouvrage ainsi maltraité. Les larmes lui vinrent aux yeux en considérant les outrages dont il avait été l'objet. En cet instant la porte s'ouvrit et Paolo entra, un balai à la main et son torchon sous le bras. Il venait nettoyer l'atelier.—Paolo, dit Angélica, vous êtes déjà entré ici ce matin? Non mademoiselle, lui répondit-il.

- (a). Parse and give principal parts of:—*fut, avait, dit*; write down the present indicative of *fut*, and of *avait*.
- (b). Write the plural of:—*Son beau portrait*. Pronominal form of *son*? When do you use *bel*? Give examples of these forms. State when and why *son* must be used before a feminine noun; translate for example:—Her friend (*f*) has arrived this morning.
- (c). How is the possessive case ('s) expressed in French; explain and translate:—My father's house is near our uncle's. Whose house is this? It is my aunt's. Write the feminine and the meaning of:—*blanc, doux, faux, sec, gentil, vieux*.
5. Translate into French:—Give me some water for this poor man, he is thirsty. What is the seventh day of the week? It is Saturday. Your friend will be at the station on the 31st of August at half past eight in the evening. Where have the passengers gone? They have departed for their native country. What has that man been asking for? He has been asking for money.

9.00 TO 10.00 A. M., THURSDAY, 4TH JULY, 1907.

### GEOMETRY.

- From a given point B, draw a straight line, equal to a given straight line C D.
  - The two sides B C and C D of the triangle B C D, are together greater than the third side B D.
  - If the side B C of the isosceles triangle B C D be produced to F, and the exterior angle D C F be bisected by the straight line C K, then C K shall be parallel to the base B D.
  - The square described on the hypotenuse B D of the right angled triangle B C D is equal to the squares on the sides B C and D C.
  - (a) Any triangle B C D is divided by each of its medians into two parts of equal area. (b) The three medians intersect in the same point, which (c) trisects each median.
- Or find the magnitude of each angle of a regular polygon of  $n$  sides.

2.00 TO 3.00 P. M., THURSDAY, 4TH JULY, 1907.

### SCIENCE.

[Five questions only to be attempted, four from A and one from B. When there are several parts to a question be careful to keep them distinct so that none of them may be overlooked by the examiner.]

#### A.

- Describe carefully (a) the different margins of leaves, or (b) different forms of pistil, or (c) the structure and germination of a seed.
- Give a list of five flowering plants with such characteristics as will determine the order to which it belongs. If any two of the plants belong to the same order give distinctive characteristics.

3. Describe different forms of cell structure, that is, either the peculiarities of different individual cells, or the different arrangement of cells in different tissues, such as epidermis, fibro-vascular bundles, etc.

4. What are the peculiarities of any six of the following:—(a) the leaves of the mayflower; (b) the leaves of the spruce; (c) the shape of corolla of the buttercup, the lilac, and the bean; (d) the stamens of the mint or self heal; (e) the stamens of the sunflower or dandelion; (f) the arrangement of flowers in the clover; (g) the fruit of the pine; (h) the fruit of the shepherd's purse; (i) the calyx of the hepatica; (k) the leaves of the trillium; (l) the fruit of the raspberry; (m) the fruit of the apple.

5. Write as complete a description, as the time permits, of any plant. You may choose the largest tree, or a microscopic alga, or a fungus, or anything between. The object is to see how well you have studied the plant with which you are most familiar.

6. Describe peculiar forms of roots, or stems, or branches, or leaves.

B

7. Describe some experiment that shows expansion due to heat, or you may describe the rarer cases of expansion with lowering temperature.

8. Describe any experiment in sound in such a way as to show that you understand the principles involved.

9. Describe an air-pump, or a diving-bell.

9.00 TO 10.00 A. M., FRIDAY, 5TH JULY, 1907.

ARITHMETIC.

(Only five questions to be answered)

1. Simplify  $\frac{7}{12}$  of  $\frac{3}{14}$  of 18  $\times$   $\frac{10\frac{3}{4} - 4 \frac{11}{12} - \frac{7}{5}$  of  $9 \frac{1}{11}$   $\div$   $\frac{6 \frac{3}{16} + 7 \frac{2}{3} - 3 \frac{5}{11}}$

2. A person buys drugs at \$16.00 a lb. Avoir. At how much a dram Apoth. wt. must he sell to gain 80%.

3. From the sum of  $2\frac{3}{5}$  and  $3\frac{3}{6}$  take the difference of their quotient and product.

4. On March 1st, a person loaned \$600.00 at 10%, per annum, Simple Interest, and when the loan was repaid he received \$624.00. On what date was it repaid?

5. An apple dealer bought 1250 barrels of apples at \$2.10, and paid insurance on 75% of his purchase at  $\frac{4}{5}$ %. At what price per barrel, must he sell the apples to clear 30% on his outlay?

6. At what price must a book-seller mark a book which cost \$1.20, so that he may allow a discount of 10% to a student, and still make 20% profit.

10.10 TO 11.10 A. M., FRIDAY, 5TH JULY, 1907

(Only *five* questions to be answered—2 or 3 in A, and 2 or 3 in B.)

### DRAWING AND BOOKKEEPING.

#### A.

1. A ship making for a point ten miles due North, sails N. E. at first, then N. W., then N. E., then N. W., and so reaches her destination. How far did she sail altogether?
2. A church stands on a level plain. The angle of elevation of the top of the spire is  $15^{\circ}$ . At a point 200 ft. nearer, the angle of elevation is  $30^{\circ}$ . Find the height of the spire.
3. Draw a picture of a dog in a sitting position, watching a bird in a tree.
4. Draw an historical border, giving its name.

#### B.

5. You owe John Smith of St. John \$700. Write him a letter enclosing a draft for \$500 and a promissory note for \$200.
6. Give copies of the draft and note in question 5.
7. If you purchased a horse for \$120 and gave in payment a note of hand for three months at 7 per cent., show how you would enter it in the Bill Book.

2.00 TO 3.00 P. M., FRIDAY, 5TH JULY, 1907.

### GEOGRAPHY AND HISTORY.

(Only *five* questions to be answered; not more than *three* from either A or B.)

#### A.

1. Write a descriptive paragraph on the Dominion of Canada under the following heads:—position and area, climate, resources and trade.
2. Define Latitude and Longitude and tell how they are reckoned. Name and locate the principal ocean currents.
3. Write a note on any one of the following: Newfoundland, British West Indies, Cape Colony or Ceylon.
4. Draw an outline map of Great Britain, marking the situation of the chief cities.
5. Describe British India, naming its divisions, cities, etc; or write a note on Australia.

#### B.

6. Give a short account of the exploration of the coast of Acadie by De Monts.
7. Write a note on the Indians of Eastern Canada in Champlain's time.
8. Tell what you know about the early settlement of Cornwallis, Horton, Pictou, Truro, Prince Edward Island, Shelburne.
9. Describe some of the effects of the war of 1812-14.
10. Tell what you know about the duties of the following:—Sheriff, Coroner, Prothonotary, Constable, Stipendiary.

3.10 TO 4. 10 P. M., FRIDAY, 5TH JULY, 1907.

**ENGLISH GRAMMAR.**

1. Define Passive Voice. Tell how the passive voice is formed.
2. Define Participle. Name all the participles of the verb "drive."
3. Give the chief sub-divisions of Adverbial Clauses of Manner, with examples
4. Analyze:—

Long, weary *hours* they waited.  
 The duty of accusing *him* belongs to me.  
 The witness *was asked* a question.  
*'It'* is a pronoun.  
*All that a man hath will he give* for his life.

5. Parse the italicized words in the sentences given above.

**GRADE X.**

9.00 to 10.00 A. M., WEDNESDAY, 3RD JULY, 1907.

**ALGEBRA.**

1. Simplify  $\frac{x^4 - 8x}{x^2 - 4x - 5} \times \frac{x^2 + 2x + 1}{x^3 - x^2 - 2x} \div \frac{x^2 + 2x + 4}{x - 5}$

2. Find the value of  $x$  in  $\frac{(\cdot 3x - 2)(\cdot 3x - 1)}{\cdot 2x - 1} - \frac{1}{6}(\cdot 3x - 2) = \cdot 4x - 2.$

3. A, B, C are three towns forming a triangle. A man has to walk from one to the next, ride thence to the next, and drive thence to his starting point. He can walk, ride, and drive a mile in  $a, b, c$  minutes respectively. If he starts from B he takes  $a + c - b$  hours. If he starts from C he takes  $b + a - c$  hours. If he starts from A he takes  $c + b - a$

hours. Find the length of the circuit.

4. Given  $\frac{34}{x^2 + y^2} = \frac{15}{xy}$  and  $x + y = 8$ ; find the values of  $x$  and  $y$ .

5. There is a number between 10 and 100; when multiplied by the digit on the left the product is 280; if the sum of the digits be multiplied by the same digit the product is 55; required the number.

10.10 TO 11.10 A. M., WEDNESDAY, 3RD JULY, 1907.

**LATIN.**

1. Decline together in both numbers:—*idem deus* and *eadem dea*. In each of the following adjectives and adverbs two degrees of comparison are omitted. Supply them, *bene, pejor, acriter, maximus, optimus, diutius*.

2. Give the principal parts of the following verbs:—*jundo, torqueo, tollo, morior, lego, surgo, fingo, figo, curro*. Write in full the future indicative of *eo*, and the imperfect Subjunctive of *volo*.

3. (a) State the case used in each of the following constructions:—(1) Name of town at which, to which, and from which, respectively; (2) Noun following simple verbs of privation and want; (3) Predicate noun referring to same person or thing as subject; (4) Object remembered or forgotten.

(b) Explain the use of tenses of Subjunctive Mood in wishes and conditions.

4. Translate into Latin:—(1) The Roman general stripped Corinth of many statues. (2) The soldiers will not be terrified by many dangers. (3) They ordered him to go to Rome. (4) At length Ceres heard who had abducted her daughter.

5. Translate into English:—*Utuntur aut aere aut taleis ferreis ad certum pondus examinatis pro nummo. Nascitur ibi plumbum album in mediterraneis regionibus: in maritimis ferrum, sed eius exigua est copia: aere utuntur importato. Materia cuiusque generis, ut in Gallia est, praeter fagum atque abietem. Leporem et gallinam et anserem gustare fas non putant: haec tamen alunt animi voluptatisque causa. Loca sunt temperatiora quam in Gallia, remissioribus frigoribus.*

(a) Parse *utuntur, abietem, alunt*.

(b) Explain:—case of *aere, causa, frigoribus*.

2 TO 3 P. M., WEDNESDAY, 3RD JULY, 1907.

### ENGLISH LANGUAGE.

(Only *five* questions to be answered.)

1. Describe the appearance of the first of the three spirits which appeared to Scrooge.
2. Describe the scene at the home of Scrooge's nephew on Christmas evening.
3. Describe the appearance and character of Ellen Douglas as portrayed in the "Lady of the Lake."
4. Explain the following:—
  - (a). The Lady of the Bleeding Heart.
  - (b). The Fiery Cross.
  - (c). The village maids and matrons round  
In dismal coronach resound.
  - (d). Then on the field his targe he threw.
  - (e). If pall and vair no more I wear,  
Nor thou the crimson sheen.
5. Write a letter to a friend, telling of the games, and amusements, and pleasures of your school life.
6. State fully when (1) capital letters, (2) italic letters should be used.

3.10 TO 4.10 P. M., WEDNESDAY, 3RD JULY, 1907.

### FRENCH.

1 and 2. Translate:—*Les découvertes d' Hudson.* Si vous examinez la carte de l'Amérique du nord, vous verrez une grande baie, nommée la baie d'Hudson. Hudson était un marin anglais qui vivait au commencement du dix-septième siècle. Vous savez qu'à cette époque, toutes les nations de l'ouest de l'Europe équipaient des expéditions de découverte. Parmi les hardis marins qui rendirent fameux ce siècle, on compte particu-

lièrement Henri Hudson. Jamais personne ne connut mieux le métier de marin. Son courage était à l'épreuve de tous les événements, et sa constance infatigable. Le but de ses voyages était de trouver un passage pour alier aux Indes par le nord-ouest. Il serait trop long de faire la description de tous les voyages d'Hudson.

- (a) Illustrate, giving short examples, the use of *qui* and of *que* as relative and as interrogative pronouns. Disjunctive form of *que*? Translate:—What are you thinking of?
- (b). The relative *who*, in certain cases, cannot be expressed by *qui*; explain and translate:—My friend's mother who has been in England, has returned. Translate:—The gentleman whose son I know. The gentleman with whose son I have travelled. *Whose* in the second sentence assumes a different form; explain.

(c). Parse and give principal parts of:—*savez, rendirent, serait.*

3 and 4. Translate:—Henri (mercredi, 24 mai). Nous voilà prêts. Quelle route prendrons-nous pour aller à Paris? Vous savez qu' il y en a plusieurs. Nous pouvons y aller par Douvres, Folkestone, ou Newhaven. C'est de Douvres à Calais que la traversée est la plus courte. Par Newhaven elle est beaucoup plus longue. Par Folkestone elle est un peu plus longue que par Douvres, mais cette route épargne ensuite une trentaine de kilomètres de chemin-de fer, le trajet de Calais à Boulogne. Maintenant décidons quel train nous devons prendre. Il nous faut consulter l'indicateur. Le voici. Il y a un train qui part de Charing-Cross à dix heures de 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 pour retenir deux chambres.

- (a). *Il y en a plusieurs.* Parse *en*; illustrate its use: (a) as a pronominal object; b) as a preposition. What meanings is "*il y a*" susceptible of; give examples in French.
- (b). How do the French effect comparison of *superiority* and of *inferiority*. Write sentences in illustration. Compare:—*bon, bien, peu.* Translate:—Worse than that.
- (c): Parse and give principal parts of:—*pouvons, faut, va.*

5. Translate into French:—If you find the newspapers, lend me one. This book, the author of which I have met, is very interesting. From what countries do we receive these useful animals? At what time does the sun set in spring? Were the men not mistaken when they thought that the train stopped at this station.

9.00 TO 10.00 A. M., THURSDAY, 4TH JULY, 1907.

### GEOMETRY.

1. The rectangle contained by the whole line B D and the part B C, is equal to the square on the part B C and the rectangle contained by the two parts B C and C D.
2. The sum of the squares on the whole line B D and on the part B C, is equal to twice the rectangle contained by B D and B C together with the square on C D.
3. The circle B C D, touches internally the circle F C G; Show that they cannot have the same centre.
4. On B D as an hypotenuse, right angled triangles B C D are described; Find the locus of the right angle C.
5. The squares on the diagonals B D and C F of the trapezium B C D F, are together equal to the sum of the squares on its two oblique sides, B F and C D, with twice the rectangle contained by its parallel sides, B C and F D.

10.10 TO 11.10 A. M., THURSDAY, 4TH JULY.

## GREEK.

I. (a) Distinguish between the uses of *ἐκ* and *ἐξ* and of *ὄν*, *οὐκ* and *οὐχ*; also between the meaning of *τίς* and *τις*. (b) Decline together in all numbers *το μικρὸν δῶρον*.

II. (a) Define reduplication, distinguish between its forms and point out the reduplication in *ἐλελύκη*. (b) Give principal parts of *λέγω*, *ἔχω*, *φυλάττω*, *πείθω*, *χράομαι*, *παύω*.

III. Point out (1) The different meanings of *αὐτός*; (2) The distinction between *proclitics* and *enclitics*; (3) Difference between Greek and Latin infinitives in regard to expressing *purpose*; (4) The manner in which *agency* is expressed in Greek with chief exception.

IV. Translate into English: (1) *σὺν τοῖς θεοῖς καλὰ τῷ στρατεύματι ἐλπίδες ἐστὶ νίκης*. (2) *Ἀλλὰ μὰ τοὺς θεοὺς οὐκ αὐτοὺς διώξω*. (3) *θάπτον γὰρ τῶν ἵππῶν ἔτρεχον*. (4) *οἱ δὲ στρατιῶται ἐπεὶ ἤκουσαν ἐχαλέπαινον καὶ ὠργίζοντο ἰσχυρῶς τῷ Κλεάρχῳ*.

V. Translate into Greek: (1) Cyrus called together his generals and spake as follows. (2) Clearchus led the right wing and Menon the left. (3) At daybreak he sent heralds concerning a truce. (4) He made Xenophon commander in order that we might be saved.

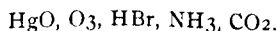
2.00 TO 3.00 P. M., THURSDAY, 4TH JULY, 1907

## SCIENCE.

## A.

[Five questions only to be attempted—not more than four from A and not more than two from the remainder of the paper—either from B or C, not from both.]

1. Give the formulæ for the molecular quantities of potassium chloride, nitrous oxide, copper nitrate, sulphuric acid, calcium carbonate; also the names of the substances having the following molecular formulæ:—



2. Describe fully the method of preparation and the properties of oxygen, or chlorine, or nitric acid, or sodium carbonate, or marsh gas.

3. What volume is represented by the formula of a gas? Given the equation  $\text{Fe S} + \text{H}_2\text{SO}_4 = \text{FeSO}_4 + \text{H}_2\text{S}$ , how many liters of hydrogen sulphide (sulphuretted hydrogen) at standard temperature and pressure can be obtained from 88 grams of ferrous sulphide (sulphide of iron). The standard weights required for use are Fe = 56 S = 32.



4. What would be obtained by the action of sulphuric acid on zinc, on common salt, on potassium iodide, on oxalic acid, on caustic potash, and on sodium carbonate. Either tell the conditions necessary, or give the equations.

5. The weight of oxygen in water is *eight* times that of the hydrogen; why is the formula  $H_2O$  with O—16 considered better than HO with O—8?

6. Describe any chemical manufacture of an industrial character.

B.

7. How does water get into and out of the plant?

8. Write a short account of the diseases of plants.

9. Describe the process of butter making. What are some of the most important causes of good and bad butter?

C.

10. What is meant by "igneous agencies" in Geology? What results of their action do we find?

11. Describe *three* minerals with which you are acquainted.

12. Give a short account of stratification.

3.10 TO 4. 10 P. M., THURSDAY, 4TH JULY, 1907.

GERMAN.

1. Translate:—Ein Mann fiel einmal in einen Fluss und konnte sich nicht retten. Er schrie um Hülfe, und ein Bauer eilte herbei, und zog ihn mit einer Stange aus dem Wasser; dabei stach er ihm aber unglücklicher Weise ein Auge aus. Nun ging der Mann zum Richter, verklagte seinen Retter und verlangte, er solle ihm Busse für das verlorne Auge geben. Der Richter wusste lange nicht, wie er den Fall entscheiden sollte, und die Leute lachten über ihn.

(a). Write the Genitive singular and the Nominative plural of:—*Mann, Fluss, Bauer, Auge, Blume, Kind.*

(b). Decline:—*er, ich, es.* In English *you* is used in addressing persons; what forms are employed in German? Give illustrations.

2. Translate:—Der berühmte General Wallenstein pflegte als Knabe mit seinen Schulkameraden Soldat zu spielen. Dabei musste er aber immer kommandieren, und er erlaubte niemand, ein Wort darein zu reden. Einmal sagte jemand zu ihm "Du benimmst dich, als wenn du ein Fürst wärest." "Was nicht ist, antwortete der stolze Knabe, das kann noch werden."

(a). *Der berühmte General.* Decline this in the four cases singular and plural.

(b). Parse and give principal parts of:—*wärest, kann, werden.* Write down the Indicative present of *wärest* and *werden.*

3 and 4. Translate:—*Ein Missverständniss.* Eines Morgens kam in ein Wirtshaus am Rhein ein junger, preussischer Offizier, und bestellte sich einen marinierten Hering, der ihm auch bald in einer Brihe mit Kapern gebracht wurde. Nicht weit von ihm sitzt ein österreichischer Offizier, der ihn freundlich anredet und sagt:—"Nicht wahr, das ist etwas Gutes, ich habe sie selbst in Italien wachsen sehen." "Sie scheinen heiter aufgelegt," erwiderte der Preusse, "ich muss Sie aber ersuchen, mir solchen Unsinn nicht aufbinden zu wollen." "Gar kein Unsinn es ist mein voller Ernst." "Lächerlich! Wie können Sie so etwas behaupten?" "Und ich sage Ihnen, ich habe es selbst gesehen, sie wachsen auf Sträuchern."

- (a). Comment on the position of the *verb* and of the *subject* in the sentence:—"Eines Morgens . . . preussischer Offizier."
- (b). What is the logical order of words in a German sentence? Translate:—"I have written a letter to my brother yesterday; illustrate the various ways in which this order may be deviated from in this sentence."

5. Translate into German:—"The daughters of this man are tall. In this long street is a large old house; it is the boys' school. In winter the days are shortest and in summer they are longest. I should have been at home earlier, if I had not been so tired." Where is my German grammar? I need it.

9.00 TO 10.00 A. M., FRIDAY, 5TH JULY, 1907.

### ARITHMETIC.

(Only five questions to be answered)

1. Simplify  $3\frac{1}{2} \times \frac{1}{1} - \frac{5}{4} \times \frac{1}{9} \times 7 - \frac{1}{5}$  +  $7\frac{1}{2} \left( \frac{2}{5} - 1\frac{1}{5} + 3\frac{3}{5} \div 7\frac{1}{2} + \frac{4}{15} \right) \times 425$   
 $\frac{1}{3} + 4\frac{1}{2}$  of  $\frac{1}{27}$  +  $150 - \frac{74}{19} - \frac{2}{5}$
2. Find the cube root of  $5\frac{104}{105}$  correct to three places of decimals.
3. A man invested \$900.00 more than  $\frac{2}{3}$  of his money in a house, and \$600.00 more than  $\frac{4}{9}$  of the remainder in a lot, and had now \$900.00 left. How much money had he in all?
4. A puts \$1,500.00 and B \$1,800.00 into a business. At the end of a year each adds \$1000.00, and C joins them with \$2000.00. Fifteen months after this the profits, which amounted to \$2,500.00, are divided. Find the share of each partner?
5. A man sold a farm for \$2,400.00. He received \$200.00, and was to receive \$200.00 each month till it was paid. The purchaser, however, made no other payment until the end of five months, when he paid \$1,000.00, and at the end of seven months, when he paid \$300.00. When could the balance be paid without loss to either party.
6. What sum will purchase an annuity of \$240.00 for three years, at 5%, compound interest? What is the final value?

10.10 TO 11.10 A. M., FRIDAY, 5TH JULY, 1907.

### DRAWING AND BOOKKEEPING.

(Only five questions to be answered—2 or 3 in A, and 2 or 3 in B.)

A.

1. Two ships, C and D, are at anchor. A base line, A B, of 300 yards is taken on the shore. The observer finds that the angle, B A C, is  $60^\circ$  and the angle, B A D, is  $40^\circ$ , the angle, A B C, is  $50^\circ$ , and the angle, A B D, is  $90^\circ$ . How far are the ships apart?

2. A church stands on the top of a hill of uniform slope. At a certain point on the slope, 700 feet from the base of the church, the angle of elevation of the base is  $15^\circ$ , and of the spire is  $30^\circ$ ; find the height of the church.

3. Sketch a boy blowing soap bubbles from a clay pipe.
4. Draw a picture showing how a cat differs from a rabbit in form and habits.

B.

5. Journalize (a) Paid my note of 12th July in favor of D. Ross, \$500 and interest \$1.08.

(b) Paid Clerks' salaries in cash \$100.

(c) Bought of W. E. Holt, 200 bbls. Beef at \$2,600; paid him cash \$600, gave him my note for \$2000.

6. (a) What is a trial balance.

(b) Why does the trial balance not prove the work to be absolutely correct?

7. (a) What is a draft? (b) Write a draft. (c) Which is the drawer, the drawee, the payee? (d) Give a general rule for journalizing drafts on account.

2.00 TO 3.00 P. M., FRIDAY, 5TH JULY, 1907.

### GEOGRAPHY AND HISTORY.

(Only *five* questions to be answered; not more than *three* from either A or B.)

A.

1. Draw an outline map of the coast-line of the Mediterranean Sea, naming the countries bordering on it.

2. The United States originally consisted of thirteen British Colonies. Name them and give the capital of each. Name the chief rivers of the United States, and the waters into which they fall.

3. Describe the physical features of South America; *or*, write a note on the Barbary States.

4. Write a note on any one of the following, with particular reference to climate, trade, and foreign possessions:—Portugal, Germany *or* Denmark. *Or*, describe the great rivers of Asia.

5. Describe Malaysia, its situation, products, and political connection.

B.

6. Write a note on the English Institutions and customs before the Conquest, such as the "Witenagemot," the "Moots," Divisions of the people, methods of trial.

7. Relate the chief events in the reign of Edward III.

8. Name the most important political changes under the Stuart Sovereigns.

9. What do you know about any three of the following:—"Magna Carta," "Field of the Cloth of Gold," the "Armada," "Habeas Corpus Act," "South Sea Scheme," "Stamp Act," "Chartists."

10. Write a note on the Crimean War, its causes, progress and results.

3.10 TO 4.10 P. M., FRIDAY, 5TH JULY, 1907

## ENGLISH GRAMMAR

1. What classes of nouns take "es" in the plural? Give an example for each class.
2. Give five examples of irregular comparison of adjectives. Define *tense*, and name the tenses of the Indicative Mood.
3. Discuss the exceptions to the following rule of Syntax:—"When the subject consists of two or more nouns, or expressions equivalent to nouns, connected by *and*, the verb must be plural."

4. Analyze:—

"I change

My thought, and hold thy valor light  
 As that of some vain carpet knight,  
 Who ill deserved my courteous care,  
 And whose best boast is but to wear  
 A braid of his fair lady's hair."

5. Parse the words italicized in the following sentences:—

*We slept the whole morning.*  
*Have you been waiting long.*  
*Love thyself last.*  
*Which of the scholars is to have the prize?*

## GRADE XI.

9.00 TO 10.00 A. M., WEDNESDAY, 3RD JULY.

## ALGEBRA.

1. Divide  $\frac{8 - 4\sqrt{5}}{\sqrt{5} + 1}$  by  $\frac{3\sqrt{5} - 7}{5 + \sqrt{7}}$

Or, By the Binomial Theorem find the cube root of 128 to six places of decimals.

2. (a) If the roots of  $x^2 - px + q = 0$  are two consecutive integers, prove that  $p^2 - 4q - 1 = 0$ .

(b) If  $p$  be the difference between any quantity and its reciprocal,  $q$  the difference between the square of the same quantity and the square of its reciprocal, show that  $p^2(p^2 + 4) = q^2$ .

3. Find a Geometrical Progression of which the sum of the first two terms is  $2\frac{3}{4}$ , and the sum to infinity  $4\frac{1}{4}$ .

4. (a) In what scale is the Denary number 418 represented by 1534.

(b) There are 9 books, of which 4 are English, 3 Latin, and 2 Greek; in how many ways could a selection be made so as to include at least one of each language?

5. Find the amount of an annuity of \$150 in 15 years, allowing compound interest at 4 per cent. per annum.

Or, Show how you would solve, graphically, the equation

$$\begin{aligned} 2x + 3y &= 7 \\ 3x - 2y &= 4 \end{aligned}$$

10.10 TO 11.10 A. M., WEDNESDAY, 3RD JULY.

**LATIN COMPOSITION.**

1. Decline together in the Singular:—*fortis Aeneas, meus Virgilius*; and in both numbers, *pulchrius pæma, idem orator, ea res*.

2. Give the principal parts of the following verbs:—*cado, cedo, caedo, tango, tego, surgo, maneo, rego, lego*. Write in full the perfect indicative of *cano*, and the imperfect Subjunctive of *eo*.

3. Illustrate by brief expressions the following Latin Constructions:—(1) Ablative Absolute, (2) Dative of the Possessor, (3) Time when, (4) Time how long, (5) Case or Cases following *in* and *sub*, (6) Case following the Comparative degree when *quam* is omitted.

4. Translate into Latin:—(1) The next day they move their camp from that place. (2) Thus in doubtful battle they fought long and sharply. (3) He replied that he would not go. (4) He promised that he would give him ten ships.

5. Translate into Latin:—(1) It pleased them to send delegates to Caesar. (2) The entire hope of the Greeks rested on the aid of Pallas. (3) Thoughtless and blind with rage we press on. (4) He was born at Athens, lived at Rome twenty years, and died at Carthage.

2 TO 3 P. M., WEDNESDAY, 3RD July.

**ENGLISH LANGUAGE.**

(Only five questions to be answered.)

1. "The education of Joan of Arc was mean, according to the present standard; but ineffably grand according to a philosophic standard."

How does DeQuincy support this statement?

2. Give an account of the trial of Joan of Arc

3. Explain the following:—

(a) Apparitors.

(b) Lilies of France.

(c) The Oriflamme of France.

(d) The Sacred Ampulla.

(e) The Triple Crown.

4. Give an outline of the plot of "The Princess" Point out what bearing the "Songs" have upon the teaching of the poem.

5. Compare the character of "Lady Ida" with that of "Lady Blanche." Illustrate your answer by quotations.

6. Explain the following, with special reference to the words in italics:—

(a) Close at the boundary of the *liberties*.

(b) In *masque* or *pageant* at my father's court.

(c) That whispered "*Asses' ears*" among the sedge.

- (d). *The gray mare*  
Is ill to live with, when her whinny thrills  
From tile to scullery.
- (e). Then on the roofs  
Like that great dame of Lapidoth she sang.

7. Describe the character of "Bob Cratchit" in Dicken's "Christmas Carol," or that of Roderick Dhu in Scott's "Lady of the Lake."

3.10 TO 4.10 P. M., WEDNESDAY, 3RD JULY.

### FRENCH.

1. Translate:—*Le jour de reception*. Pourquoi avez-vous un jour, bonne maman?—Pour rester à la maison et recevoir mes amis lorsqu'ils viennent me rendre visite.—Est-ce que cela vous amuse, bonne maman? Est-ce amusant de rester toute une journée sans sortir?—Ce n'est pas toujours amusant.—Alors pourquoi le faites-vous?—On fait bien des choses qui ne sont pas amusantes.—Mais quand je serai grand, je ne serai pas aussi sot. Je ne ferai jamais ce qui ne m'amuse pas.

- (a). Parse and give the principal parts of:—*viennent, faites, ferai*. What parts of a verb are formed from the *present participle*? Use the verbs above for your illustrations.
- (b). Explain, giving examples, the use of *ce qui* and *ce que*. Translate:—What I am speaking of happened yesterday. What I am thinking of does not interest you.

2. Translate:—*Une leçon de savoir vivre*. Êtes-vous un papa vous?—Hélas, non, je suis célibataire.—Qu'est-ce que c'est que célibataire?—Cela veut dire que je suis un vieux garçon.—Oh, je vois bien que vous êtes vieux; mais vous n'avez pas l'air d'un garçon avec vos lunettes et votre tête sans cheveux et...—Oh! oh!—Qu'y a-t-il?—Vous allez vous couper la langue. Regardez, bonne maman—monsieur met son couteau dans la bouche.—Chut! taisez-vous.

- (a). *Vous allez vous couper*. Write the present Indicative and the future of *allez*, and account for the infinitive *couper*. What other class of words govern the infinitive? Give an example.
- (b). *Taisez-vous*. Parse and give principal parts of *taisez*. Distinguish between:—*Vous vous taisez* and *vous taisez-vous*. French for:—I have been silent.

3 and 4. Translate:—Souvestre "*Le Serf*." C'était là le seul lit de l'habitation. Un homme en cheveux blancs y était couché, les yeux fermés, mais il était aisé de voir, à sa respiration entrecoupée et au léger tremblement de ses lèvres que la maladie l'y retenait plutôt que le sommeil. Un jeune garçon d'environ seize ans, assis près de là au foyer, s'occupait à entretenir le feu sous une bassine de fer. Il venait de la découvrir et semblait savourer l'odeur succulente qui s'en exhalait, lorsqu'une jeune fille de son âge entra portant un morceau de beurre enveloppé dans un lambeau de toile rousse

- (a). *Que la maladie l'y retenait plutôt*. *Que* may be:—*relative, interrogative, exclamatory* (how); write sentences illustrating these forms.
- (b). *L'y retenait*. Parse *y*. In what case may *y* be a *pronoun*? Explain and translate:—Did you think of (*songer à*) writing? I did not think of it.

5. Translate into French:—At what time should the English mail have arrived? He is angry that you have gone out without him. We spent the time in asking each other questions. Apply to the "Mail" for information. History is more useful to us than novels; the bee cannot extract (*tirer*) honey from flowers that are merely painted.

GREEK.

XENOPHON : ANABASIS.

I.

Translate :—

ἐνταῦθ' ἔμεινεν ἡμέρας πέντε· καὶ τοῖς στρατιώταις ὠφείλετο μισθὸς πλεόν ἢ τριῶν μηνῶν, καὶ πολλάκις ἰόντες ἐπὶ τὰς θύρας ἀπήτουν· ὁ δὲ ἐλπίδας λέγων διήγε, καὶ δῆλος ἦν ἀνιῶμενος· οὐ γὰρ ἦν πρὸς τοῦ Κύρου τρόπου ἔχοντα μὴ ἀποδιδόναι.

(a) Parse ἀπήτουν. (b) Explain the case of ἔχοντα.

II.

Translate :—

οἱ μὲν ἔφασαν ἀρπάζοντάς τι κατακοπήναι ὑπὸ τῶν Κιλικῶν, οἱ δὲ ὑπολειφθέντας, καὶ οὐ δυναμένους εὐρεῖν τὸ ἄλλο στράτευμα οὐδὲ τὰς ὁδοὺς, εἶτα πλανωμένους ἀπολέσθαι ἦσαν δ' οὖν οὗτοι ἑκατὸν ὀπίλιται.

Parse ἔφασαν, κατακοπήναι, ὑπολειφθέντας, εὐρεῖν.

III.

Translate :—

οἱ δὲ Θαψακηνοὶ ἔλεγον ὅτι οὐνάποθ' οὗτος ὁ ποταμὸς διαβατὸς γένοιτο πεζῇ, εἰ μὴ τότε, ἀλλὰ πλοίοις, ἃ τότε Ἀβροκόμας προῖων κατέκαυσεν, ἵνα μὴ Κύρος διαβῇ. ἐδόκει δὴ θεῖον εἶναι καὶ σαφῶς ὑποχωρῆσαι τὸν ποταμὸν Κύρῳ ὡς βασιλεύουσι.

Give the rule for mood in the *oratio obliqua* depending on a past tense. Illustrate rule from extract.

IV.

Translate :—

ταῦτα δὲ λέγων θορύβου ἤκουσε διὰ τῶν τάξεων ἰόντος καὶ ἤρετο τίς ὁ θόρυβος εἶη. ὁ δὲ εἶπεν ὅτι τὸ σύνθημα παρέρχεται, δεῦτερον ἤδη. καὶ ὃς ἐθαύμασε τίς παραγγέλλει, καὶ ἤρετο ὅ τι εἶη τὸ σύνθημα. ὁ δ' ἀπεκρίνατο “ Ζεὺς σωτὴρ καὶ νίκη.”

(a) παρέρχεται. Does the mood of this verb conform to rule given under previous extract? (b) Account for case of θορύβου.

V.

Translate :—

καὶ εὐχὴν δέ τινας αὐτοῦ ἐξέφερον, ὡς εὐχοίτο τοσοῦτον χρόνον ζῆν ὅστε νικῶν καὶ τοὺς εἶ και τοὺς κακῶς ποιούντας ἀλεξόμενος. καὶ γὰρ οὖν πλείστοι δὴ αὐτῷ ἐνὶ γε ἀνδρὶ τῶν ἐφ' ἡμῶν ἐπεθύμησαν καὶ χρήματα καὶ πόλεις καὶ τὰ ἐαυτῶν σώματα προσέσθαι.

(a) Parse νικῶν, giving other forms. (b) Explain case of αὐτῷ.

9.00 TO 10.00 A. M., THURSDAY, 4TH JULY.

### GEOMETRY.

1. B C D is a secant and B F a tangent to the circle F C D; show that the rectangle contained by B C and B D is equal to the square on B F.
2. Given the base and vertical angle of a triangle, find the locus of the centre of the inscribed circle.
3. Find a fourth proportional to three given straight lines.
4. A B C is a triangle, O is its orthocentre, and A K a diameter of the circumscribed circle; show that B O C K is a parallelogram.
5. The bisectors of the angles of any regular polygon are concurrent.

10.10 TO 11.10 A. M., THURSDAY, 4TH JULY.

### LATIN (Cæsar and Vergil).

1. Translate:—Reperiebat etiam in quaerendo Cæsar, quod proelium equestre adversum paucis ante diebus esset factum, initium eius fugae factum a Dumnorige atque eius equitibus (nam equitatus, quem auxilio Caesari Aedui miserant, Dumnorix praeerat): eorum fuga reliquum esse equitatum perterritum.

(a) Parse *quaerendo*, (b) Account for the datives, *equitatus*, *auxilio*, *Caesari*.

2. Translate:—Petierunt uti sibi concilium totius Galliae in diem certam indicare, idque Caesaris voluntate facere liceret: sese habere quasdam res, quas ex communi consensu ab eo petere vellent. Ea re permissa diem concilio constituerunt, et iureiurando ne quis enuntiaret, nisi quibus communi consilio mandatum esset, inter se sanxerunt.

Give rule for use of moods in *oratio obliqua*, and illustrate from extract.

3. Translate:—Qui se ex his minus timidus existimari volebant, non se hostem vereri, sed angustias itineris et magnitudinem silvarum, quae inter eos atque Ariovistum intercederent, aut rem frumentariam, ut satis commode supportari posset, timere dicebant.

(a) What is the distinction in meaning and use between *vereri* and *timere*.

(b) What is the distinction between *ut* and *ne* after verbs of fearing?

4. Translate:—Vestibulum ante ipsum primoque in limine Pyrrhus exultat telis et luce coruscus aena; ;  
qualis ubi in lucem coluber mala gramina pastus,  
frigida sub terra tumidum quem bruma tegebat,  
nunc positus novus exuviis nitidusque iuventa,  
lubrica convolvit sublato pectore terga  
arduus ad solem, et linguis micat ore trisculeis.

(a) Scan and prove quantities of first and last lines.

(b) Derive *bruma*.

5. Translate:—'Mene efferre pedem, genitor, te posse relicto sperasti? tantumque nefas patrio excidit ore?  
si nihil ex tanta superis placet urbe relinqui,  
et sedet hoc animo, perituraeque addere Troiae  
teque tuosque iuvat, patet isti ianua leto,  
iamque aderit multo Priami de sanguine Pyrrhus,  
natum ante ora patris, patrem qui obruncat ad aras.



(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.

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 or examination and compilation.

What is desired is to have recorded in these forms, the dates of the *first* leafing, flowering and fruiting of plants and trees; the *first* appearance in the locality of birds migrating north in spring or south in autumn, etc. While the objects specified here are given so as to enable comparison to be made between the different sections of the Province, it is very desirable that other local phenomena of a similar kind be recorded. Every locality has a *flora, fauna, climate*, etc., more or less distinctly its own; and the more common trees, shrubs, plants, crops, etc., are those which will be most valuable from a local point of view in comparing the characters 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 mainly undertaken at the most convenient time, without encroaching on school time; while on the other hand it will tend to break up the monotony of school travel, fill an idle and wearisome hour with interest, and be one of the most valuable forms of educational discipline. The eyes of a whole school daily passing over a whole school section 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 principles of recording are emphasized: Better *no date*, no record than a *wrong one* or a *doubtful one*. Sports out of season due to very local conditions not common to at least a small field, should not be recorded except parenthetically. The date to be recorded for the purposes of compilation with those of other localities should be the *first* of the *many* of its kind following immediately after, it. For instance, a butterfly emerging from its chrysalis in a sheltered cranny by a southern window in January would not be an indication of the general climate, but of the peculiarly heated nook in which the chrysalis was sheltered; nor would a flower in a semi-artificial, warm shelter, give the date required. When these sports out of season occur, they might also be recorded, but within a parenthesis to indicate the peculiarity of some of the conditions affecting their early appearance.

These schedules should be sent in to the Inspector with the annual school returns in July, containing the observations made during the whole school year and back as far as the preceding July (if possible) when the schedule of the previous school year was necessarily completed and sent in.

A duplicate copy of the schedule of observations should be securely attached to the school register for the year, so that the series of annual observations may be preserved in each locality. The new register has a page for such records.

Remember to fill in carefully and distinctly the date, locality, and other blanks at the head of the schedule on the next page; for if either the date or the locality or the name of the responsible compiler should be omitted the whole paper is worthless and cannot be bound up for preservation in the volume of The Phenological Observations.

By the aid of the table given at the top of pages 3 and 4, the date, such as the 24th of May for instance, can be readily and accurately converted into the *annual date*, "the 144th day of the year," by adding the day of the month given to the annual date of the last day of the preceding month (April in this case), thus  $24 + 120 = 144$ . The annual date can be briefly recorded, and it is the only kind of dating which can be conveniently averaged for phenological studies. When the compiler is quite certain that he or she can make the conversion without error, the day of the year instead of the day of the month will be preferred in recording the dates.

## PHENOLOGICAL OBSERVATIONS, CANADA

(1906 SCHEDULE.)

For the year ending July, 190 .

Province.....County.....District.....  
 Locality or School Section.....No.....

[The estimated length and breadth of the locality within which the following observations were made.....X.....miles. Estimated distance from the sea coast.....miles. Estimated altitude above the 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 interales?.....and if so name the main river or stream.....Or is it all substantially highlands?.....

Any other peculiarity tending to affect vegetation?.....

The most central Post Office of the locality or region.....

NAME AND ADDRESS OF THE TEACHER OR OTHER COMPILER OF THE  
 OBSERVATIONS RESPONSIBLE FOR THEIR ACCURACY.

.....  
 .....

When First  
 Seen.\*

When  
 Becoming  
 Common\*

(WILD PLANTS, ETC.— NOMENCLATURE as in "Spotton" or  
 "Gray's Manual").

1. Alder (*Alnus incana*), catkins shedding pollen.....
2. Aspen (*Populus tremuloides*), ".....
3. Mayflower (*Epigaea repens*), flowering.....
4. Field Horsetail (*Equisetum arvense*), shedding spores.....
5. Blood-root (*Sanguinaria Canadensis*), flowering.....
6. White Violet (*Viola blanda*), flowering.....
7. Blue Violet (*Viola palmata, cucullata*), flowering.....
8. Hepatica (*H. triloba, etc.*), flowering.....
9. Red Maple (*Acer rubrum*), flower shedding pollen.....
10. Strawberry (*Fragaria Virginiana*), flowering.....
11. " " " fruit ripe.....
12. Dandelion (*Taraxacum officinale*), flowering.....
13. Adder's Tongue Lily (*Erythronium Am.*), flowering.....
14. Gold Thread (*Coptis trifolia*), flowering.....
15. Spring Beauty (*Claytonia Caroliniana*), flowering.....
16. Ground Ivy (*Nepeta Glechoma*), flowering.....
17. Indian Pear (*Amelanchier Canadensis*), flowering.....
18. " " " fruit ripe.....
19. Wild Red Cherry (*Prunus Pennsylvanica*), flowering.....
20. " " " fruit ripe.....
21. Blueberry (*Vaccinium Can. and Penn.*), flowering.....
22. " " " fruit ripe.....
23. Tall Buttercup (*Ranunculus acris*), flowering.....
24. Creeping Buttercup (*R. repens*) flowering.....
25. Painted Trollium (*T. erythrocarpum*), flowering.....
26. Rhodora (*Rhododendron Rhodora*), flowering.....
27. Pig eonBerry (*Cornus Canadensis*) florets opening.....

3

PHENOLOGICAL OBSERVATIONS—(Continued).

[Day of year corresponding to the last day of each month ]	When First Seen*	When becom- ing Common.*
Jan. 31.    April 120.    July 212.    Oct. 304. Feb. 59.    May 151.    Aug. 243.    Nov. 334. March 90.    June 181.    Sept. 273.    Dec. 365.		
For LEAP years increase each number except that for January by 1.)		
28. Pigeon Berry ( <i>Cornus Canadensis</i> ), fruit ripe .....		
29. Star Flower ( <i>Trientalis Americana</i> ), flowering .....		
30. Clintonia ( <i>Clintonia borealis</i> ), flowering .....		
31. Marsh Calla ( <i>Calla palustris</i> ), flowering .....		
32. Lady's Slipper ( <i>Cypripedium acaule</i> ), flowering .....		
33. Blue-eyed Grass ( <i>Sisyrinchium ang.</i> ), flowering .....		
34. Twinflower ( <i>Linnaea borealis</i> ), " .....		
35. Pale Laurel ( <i>Kalmia glauca</i> ), flowering .....		
36. Lambkill ( <i>Kalmia angustifolia</i> ), " .....		
37. English Hawthorn ( <i>Crataegus oxyacantha</i> ), flowering .....		
38. Scarlet-fruited Thorn ( <i>Crataegus coccinea</i> ), " .....		
39. Blue Flag ( <i>Iris versicolor</i> ), flowering .....		
40. Ox-eye Daisy ( <i>Chrysanthemum Leucanthemum</i> ), flowering .....		
41. Yellow Pond Lily ( <i>Nuphar advena</i> ), flowering .....		
42. Raspberry ( <i>Rubus strigosus</i> ), flowering .....		
43. " " fruit ripe .....		
44. Yellow Rattle ( <i>Rhinanthus Crista-galli</i> ), flowering .....		
45. High Blackberry ( <i>Rubus villosus</i> ), flowering .....		
46. " " fruit ripe .....		
47. Pitcher Plant ( <i>Sarracenia purpurea</i> ), flowering .....		
48. Heal-All ( <i>Brunella vulgaris</i> ), " .....		
49. Common Wild Rose ( <i>Rosa lucida</i> ), " .....		
50. Fall Dandelion ( <i>Leontodon autumnale</i> ), " .....		
51. Butter-and-Eggs ( <i>Linaria vulgaris</i> ), " .....		
52. Expanding leaves in spring made trees appear green— (a) first tree, (b) leafing trees generally.		
(CULTIVATED PLANTS, ETC.)		
53. Red Currant ( <i>Ribes rubrum</i> ), flowering .....		
54. " " fruit ripe .....		
55. Black Currant ( <i>Ribes nigrum</i> ), flowering .....		
56. " " fruit ripe .....		
57. Cherry ( <i>Prunus Cerasus</i> ), flowering .....		
58. " " fruit ripe .....		
59. Plum ( <i>Prunus domestica</i> ) flowering .....		
60. Apple ( <i>Pyrus Malus</i> ), flowering .....		
61. Lilac ( <i>Syringa vulgaris</i> ), flowering .....		
62. White Clover ( <i>Trifolium repens</i> ), flowering .....		
63. Red Clover ( <i>Trifolium pratense</i> ), " .....		
64. Timothy ( <i>Phleum pratense</i> ), " .....		
65. Potato ( <i>Solanum tuberosum</i> ), " .....		
(FARMING OPERATIONS, ETC.)		
66. Plowing begun .....		
67. Sowing " .....		
68. Planting of Potatoes begun .....		

PHENOLOGICAL OBSERVATIONS —(Continued).

69. Shearing of Sheep.....		
70. Hay Cutting.....		
71. Grain Cutting.....		
72. Potato Digging.....		
(METEOROLOGICAL PHENOMENA.)		
73. Opening of (a) Rivers, (b) Lakes without currents.....		
74. Last Snow (a) to whiten ground, (b) to fly in air.....		
75. Last Spring Frost (a) "hard" (b) "hoar".....		
76. Water in Streams, Rivers, &c., (a) highest, (b) lowest.....		
77. First Autumn Frosts, (a) "hoar" (b) "hard".....		
78. First Snow (a) to fly in air, (b) to whiten ground.....		
79. Closing of (a) Lakes without currents, (b) Rivers.....		
80. Number of Thunder Storms (with dates of each).....		
Jan....., Feb....., Mar....., Apr....., May.....		
June.....		
July....., Aug.....		
Sept....., Oct....., Nov....., Dec.....		
[Day of year corresponding to the last day of each month.]		
Jan. 31. April 120. July 212. Oct. 304.	Going North or coming in Spring.*	Going South or leaving in Fall.*
Feb. 59. May 151. Aug. 243. Nov. 334.		
March 90. June 181. Sept. 273. Dec. 365.		
(For LEAP years increase each number except that for January by 1		
(MIGRATION OF BIRDS, ETC.)		
81. Wild Duck migrating.....		
82. Wild Geese migrating.....		
83. Song Sparrow ( <i>Melospiza fasciata</i> ).....		
84. American Robin ( <i>Turdus migratorius</i> ).....		
85. Slate coloured Snow Bird ( <i>Junco hiemalis</i> ).....		
86. Spotted Sand Piper ( <i>Actitis macularia</i> ).....		
87. Meadow Lark ( <i>Sturnella magna</i> ).....		
88. Kingfisher ( <i>Ceryle Alcyon</i> ).....		
89. Yellow Crowned Warbler ( <i>Dendroica coronata</i> ).....		
90. Summer Yellow Bird ( <i>Dendroica aestiva</i> ).....		
91. White Throated Sparrow ( <i>Zonotrichia alba</i> ).....		
92. Humming Bird ( <i>Trochilus Colubris</i> ).....		
93. King Bird ( <i>Tyrannus Carolinensis</i> ).....		
94. Bobolink ( <i>Dolychonyx oryzivorus</i> ).....		
95. American Gold Finch ( <i>Spinus tristis</i> ).....		
96. American Redstart ( <i>Setophaga ruticilla</i> ).....		
97. Cedar Waxwing ( <i>Ampelis cedrorum</i> ).....		
98. Night Hawk ( <i>Chordeiles Virginianus</i> ).....		
99. Piping of Frogs.....		
00. Appearance of Snakes.....		

(OTHER OBSERVATIONS AND REMARKS.

\* These figures are the Provincial Phenochrons for 1906—the arithmetical means of the Phenochrons of each of the ten Regions of the Province of Nova Scotia. It will form an interesting standard of comparison for local observers. Yarmouth observations, for instance, will generally be much earlier, while Inverness observations will be later.

2.00 TO 3.00 P. M., THURSDAY, 4TH JULY.

PHYSICS.

(Only five questions to be answered.)

1. Describe capillary attraction.
2. Describe experiments which show that the pressure of a liquid depends only upon the *depth* and not upon the *quantity* of liquid.
3. How high will a body rise if projected vertically upwards with an initial velocity of 100 ft. per second.
4. Describe any mechanical power (or machine) showing clearly the relation between the power and weight.
5. Describe how water can be made to boil at the ordinary temperature of the air.
6. Give experiments which show the effect of a current of electricity upon a magnet placed near it.
7. Describe experiments in electrical induction.
8. Describe the Wheatstone Bridge, or Ruhmkorff's coil, or a dynamo, or a telephone.
9. Describe, in a way to show that you clearly understand the principles involved, any experiment in sound.
10. Describe total reflection, or double refraction, or the effect of a double convex lens when placed in different positions in relation to the object.

3.10 TO 4.10 P. M., THURSDAY, 4TH JULY.

GERMAN.

1. Translate:—Die ganze Nacht hindurch arbeitete der Schmied, und wenn er so mit dem grossen Hammer das Eisen zusammenschlug, sprach er bei jedem Schlag:—"Landgraf, werde hart! Landgraf, werde hart, wie dies Eisen! und schalt ihn, und sprach weiter:—" Du böser, unseliger Herr! was nözest du mit deinem Leben den armen Leuten? Siehst du nicht, wie deine Räte das arme Volk plagen, und die Edelleute deine Befehle verspotten?"
  - (a). Die ganze Nacht hindurch arbeitete der Schmied. Write this sentence in the plural, and account for the position of the subject.
  - (b). Write the *plural* of:—Hammer, Landgraf, Herr; and the *singular* of:—Räte, Edelleute, Befehle.
2. Translate:—Zu gleicher Zeit drückte er mir ein Papier mit Geld in die Hand. Ich nahm es und wusste vor freudiger Bestürzung nichts zu antworten. Als ich zu Hause das Papier öffnete, fand ich zwanzig Louisdors. Nun erschrak ich zum zweiten Male. Dieser freudige Schrecken that eine mächtige Wirkung auf mein Herz. Es war ein glücklicher Abend für mich, für den ich Gott nicht genug danken kann.
  - (a). Ein glücklicher Abend Decline this in the four cases singular and plural.
  - (b). Parse and give principal parts of:—*wusste*, *fand*, *war*, and write down the present Indicative of *war* and of *wusste*. Translate:—He has *no* friends. There is *nothing* new. No, he is *not* here.

3 and 4. Translate:—*Ein Wolfsgericht*. Einen Augenblick darauf sprang er wieder herein, und zweiundzwanzig Wölfe folgten ihm. Alle eilen still an das gefallene Pferd und beginnen ihr Mahl. Da ertönt ein furchtbarer Schlag,—die eisernen Thorflügel fahren zu. Entsetzt stieben die Wölfe auseinander, stürzen nach dem Thore, und da dieses geschlossen ist, rennen sie verzweiflungsvoll nach allen Seiten—die Wölfe erkennen, dass sie gefangen und verloren sind. Da kehren sie in die Mitte des Hofes zurück, umstellen den alten Wolf, der sie geführt hat, bilden einen Kreis um ihn, hatten gewissermassen Gericht über ihn, und wie auf ein Zeichen stürzen sie plötzlich vor, reissen ihn zu Boden und zerfleischen ihn.

- (a). Da kehren sie in die Mitte des Hofes zurück. Explain the construction of the word *zurück*, and account for its position. In three cases words of this class assume a different position; take the same sentence for your illustrations.
- (b). What is the position of the *verb* in a sentence:—(a) in the *inverted* order; (b) in the *transposed* order; write two sentences in illustration.
5. Translate into German:—Many were expected, but few have come. I thought you would keep your word, but I have been mistaken. A man has suddenly fallen ill; a physician must be sent for. It is very probable that it will rain to-morrow. The more diligently I study the German language, the more clearly I see that it is very much like the English.

### GREEK COMPOSITION.

I. Decline together in all numbers : οὗτος ὁ ἀνὴρ  
and αὐτὴ ἡ γυνή.

II. (a) Explain meaning of the augment and distinguish between its *syllabic* and *temporal* forms. Point out peculiarities in augment and imperfect indicative of ἔχω and ὀράω. (b) Give principal parts of ἔχω, μανθάνω, δίδωμι, βαίνω, τάττω.

III. (a) Distinguish between the attributive and predicate positions of the adjective in relation to article and noun and between the meaning of αὐτὸς ὁ ἀνὴρ and ὁ αὐτὸς ἀνὴρ. (b) What cases are used to express the following relations : (1) Price and value ; (2) Nearness and likeness ; (3) Sharing and touch ; (4) Separation ?

IV. Translate into English : (1) Ἐνίκησε Μαρσύαν ἐρίζοντά οἱ περὶ σοφίας. (2) ἀπέλαβον τὰ ἥρπασμένα ἀνδράποδα, ἃν πον ἐντυγχάνωσι. (3) οἱ δὲ ὀρώντες ἐθαύμαζον καὶ ἐσιώπων. (4) προσαιτοῦσι δὲ μισθόν.

V. Translate into Greek : (1) Here Cyrus had a palace and a great park ; (2) They already suspected that they were going against the King. (3) For they ran much faster than the horses. (4) The King did not perceive the plot against himself.

9.00 TO 10.00 A. M., FRIDAY, 5TH JULY.

**PRACTICAL MATHEMATICS.**

(Only *five* questions to be answered.)

1. Given  $\log. 2 = .30103$ , find logs. of 128, 125, and 2500.
2. Express the functions of  $\text{Sin. } 204^\circ$ ,  $\text{Sin. } 510^\circ$ ,  $\cos (-800^\circ)$  and  $\cos 359^\circ$  in terms of the functions of acute angles.
3. (a) Deduce the formula  $\text{Sin. } 2A = 2 \text{ Sin. } A \cos A$ . (b) Find the  $\text{Sin.}$  of  $36^\circ$ , given  $\text{Sin. } 18^\circ = \frac{5\frac{1}{2} - 1}{4}$
4. Find an angle that satisfies the equation :  $\tan. A + 3 \cot. A = 4$ .
5. From each of two stations, East and West of each other, the altitude of a balloon is observed to be  $45^\circ$ , and its bearings to be, respectively, N. W. and N. E. If the stations be one mile apart, how many feet high is the balloon?
6. (a) Deduce the formula :  $\text{Diff. Long.} = \text{dep.} \times \text{Sec. mid. lat.}$  (b) Find the number of miles in  $1^\circ$  of Long. at Lat.  $45^\circ$ , the  $\cos.$  of  $45^\circ$ , being  $\frac{1}{\sqrt{2}}$ .
7. Explain, with drawings, the two systems of pulleys :

$$\frac{P}{W} = \frac{1}{2n} \text{ and } \frac{P}{W} = \frac{1}{2^n}$$

10.10 TO 11.10 A. M., FRIDAY, 5TH JULY.

**PHYSIOLOGY.**

(Only *five* questions to be answered.)

1. Describe the spinal column, and show how it is adapted to the purposes for which it is intended.
2. Describe briefly all the organs that can be seen when looking into the mouth cavity or pharynx.
3. What are the most common defects of sight? How are they caused? What remedies would you advise?
4. What is meant by normal pulse, temperature, and breathing? What are the usual variations that occur in disease?
5. Describe fully the conditions that most seriously affect health in the school-room?
6. Describe any one experiment which you performed, or saw performed, last year, to illustrate or explain the structure or functions of any part of the human body.

2.00 TO 3.00 P. M., FRIDAY, 5TH JULY.

### GEOGRAPHY AND HISTORY.

(Only *five* questions to be answered.)

1. Write a note on Egyptian civilization, with special reference to government, caste, fine arts, religion, etc.
2. Draw an outline map of the Roman Empire in the second century, locating the cities, Byzantium, Rome and Carthage.
3. Give a brief account of the Peloponnesian War.
4. Write a note on the rise of the Saracens.
5. Give a brief account of any *two* of the following:—Pericles, Hannibal, Peter the Hermit, William the Silent, Peter the Great, Frederick the Great.
6. What do you understand by "The War of the Spanish Succession?"
7. Mention the principal battles fought in the Franco-German campaign giving as many particulars as you can.
8. Trace the events leading up to the breaking out of the American Civil War.

3.10 TO 4.10 P. M., FRIDAY, 5TH JULY.

### ENGLISH GRAMMAR.

1. Give the definition and derivation of the word "*case*." Compare *Case* as used in modern English, with old English and other languages. Explain the use of the apostrophe in the possessive of nouns.
2. Discuss the theories with regard to the origin of the gerund. Give illustrations of other parts of speech being used as nouns.
3. What is *Syntax* as distinguished from *Etymology*. Distinguish between the three classes of verbs that take two objects, with an example for each class.
4. As compared with Ancient Greek or modern German "modern English is weak in formative elements." Explain this statement.
5. Analyze the following extract, and parse the words italicized:—

*Fresh* as the first beam glittering on a sail,  
That brings our friends up from the underworld,  
Sad *as* the last which reddens over one  
That sinks with all we love below the verge;  
So sad, so fresh, the *days* that are *no more*



## GRADE XII.

9.00 TO 10.00 A. M., MONDAY, 1ST JULY

## ROMAN HISTORY.

1 (a). Describe the political and social organization of the Roman people under the kings. (b). Give an account of the form of government established at Rome when kingly rule was abolished. (c). Define *augur*, *comitia centuriata*, *patres conscripti*.

2 (a). Tell what you know of the *Laws of the Twelve Tables*. (b). What were the *Tribunes of the Plebs*. When and how were they established? (c). Tell the story of the Gallic invasion and its results.

3 (a). What important series of wars terminated in 290 B. C.? (b). Where was Carthage? When and by whom was it founded? (c). Give an account of the most important incident connected with the third Punic war.

4 (a). Outline the career of Sulla. (b). Tell briefly what you know of the Jugurthine War. (c). Enumerate the chief exploits of Pompey the Great.

5 (a). Give some account of Julius Cæsar's invasion of Britain. (b). Of the circumstances which led to the second civil war. (c). Cæsar's reforms.

10.10 TO 11.10 A. M., MONDAY, 1ST JULY.

## CHEMISTRY.

(Only five questions to be answered.)

1. State Avogadro's Law. How may it be used to determine the molecular formula of a gas such as hydrogen?

2. Compare the metals, Copper, Silver and Gold.

3. What weight of potassium nitrate is required to produce enough nitric acid to make 10 grams of copper nitrate from copper oxide (Cu—63.5; K — 39; N — 14; O — 16).

4. Give the formulæ for the molecular quantities of the following substances:—Silicon fluoride, lead sulphate, phosphoric acid, oxalic acid potassium ferrocyanide, and alum. What substances are represented by the following formulæ:— $\text{Hg Cl}$ ,  $\text{Fe}(\text{O H})_3$ ,  $\text{K}_2 \text{Cr}_2 \text{O}_7$ ,  $\text{Na}_2 \text{H P O}_4$ ,  $\text{Bi O} (\text{N O}_3)$ ,  $\text{H}_2 \text{Si F}_6$ ?

5. Describe the manufacture of Phosphorus.

6. Give, with as much detail as is possible in the time, the metallurgy of sodium, or aluminium, or mercury.

7. What is meant by an oxidising agent? What are some of the most common oxidising agents? Show by an equation, and express in words the action of any of them on sulphur dioxide in water, or on any other reducing agent.

8. What volume of nitrous oxide measured at 700 mm. pressure and  $25^\circ \text{C}$  can be obtained from 60 grams of ammonium nitrate. (The calculation need not be worked out, but may be left in the form of fractions multiplied together; N — 14; O — 16).

11.15 TO 12.15 P. M., MONDAY 1ST JULY.

## GREEK.

## XENOPHON : HELLENICA.

## I.

Translate :—

Καὶ χειμῶν ἐπήει, ἐν ᾧ οἱ αἰχμάλωτοι Συρακόσιοι, εἰργμένοι τοῦ Πειραιῶς ἐν λιθοτομίαις, διορύξαντες τὴν πέτραν, ἀποδράντες νυκτὸς ᾤχοντο εἰς Δεκέλειαν, οἱ δ' εἰς Μέγαρα. ἐν δὲ τῇ Λαμψάκῃ συντάττοντος Ἀλκιβιάδου τὸ στράτευμα πᾶν οἱ πρότεροι στρατιῶται οὐκ ἐβούλοντο τοῖς μετὰ Θρασύλλου ουντάττεσθαι, ὡς αὐτοὶ μὲν ὄντες ἀήττητοι, ἐκεῖνοι δὲ ἡττημένοι ἤκοιεν.

(a) Πειραιῶς. Decline this noun. (b) Parse ἀποδράντες and explain this use of participle.

## II.

Translate :—

Οἱ δὲ Ἀθηναῖοι ἀκούοντες ταῦτα ἀθύμως μὲν εἶχον, ἔπεμπον δὲ πρὸς τὸν Κύρον πρέσβεις διὰ Τισσαφέρνους. ὁ δὲ οὐ προσεδέχετο, δεομένου Τισσαφέρνους καὶ λέγοντος, ἅπερ αὐτὸς ἐποίει πεισθεὶς ὑπ' Ἀλκιβιάδου, σκοπεῖν ὅπως τῶν Ἑλλήνων μηδὲ οἵτινες ἰσχυροὶ ὦσιν, ἀλλὰ πάντες ἀσθενεῖς, αὐτοὶ ἐν αὐτοῖς στασιάζοντες.

(a) ἀθύμως εἶχον. How is this use of ἔχω and adverb generally explained? (b) ἅπερ. To what does this relation refer?

## III.

Translate :—

Τούτων ὁποτέρῳ βούλεσθε, ὦ ἄνδρες Ἀθηναῖοι, τῷ νόμῳ κρινέσθω οἱ ἄνδρες κατὰ ἓνα ἕκαστον διηρημένων τῆς ἡμέρας τριῶν μερῶν, ἐνὸς μὲν ἐν ᾧ συλλέγεσθαι ὑμᾶς. δεῖ καὶ διαψηφίζεσθαι, εἴαν τε ἀδικεῖν δοκῶσιν εἴαν τε μή, ἑτέρου δ' ἐν ᾧ κατηγορήσῃ, ἑτέρου δ' ἐν ᾧ ἀπολογηθήσῃ.

(a) Parse κρινέσθω and διηρημένων. (b) What is the construction of μερῶν and of ἐνὸς?

## IV.

Translate :—

Ἐν δὲ ταῖς Ἀθήναις τῆς Παράλου ἀφικομένης νυκτὸς ἐλέγετο ἡ συμφορά, καὶ οἰμαγῆ ἐκ τοῦ Πειραιῶς διὰ τῶν μακρῶν τειχῶν εἰς ἄστυ διήκειν, ὁ ἕτερος τῷ ἑτέρῳ παραγγέλλων ὥστ' ἐκείνης τῆς νυκτὸς οὐδεὶς ἐκοιμήθη, οὐ μόνον ταῖς ἀπολωλότας πευθούντες, ἀλλὰ πολὺ μᾶλλον ἔτι αὐτοὶ ἑαυτοὺς, πείσεσθαι νομίζοντες οἷα ἐποίησαν.

(a) τῆς Παράλου. Explain. (b) ὁ ἕτερος-παραγγέλλων. What would be the regular construction?

## V.

Translate :—

\*Ὡς ἄνδρες βουλευταί, εἰ μὲν τις ὑμῶν νομίζει πλείονας τοῦ καιροῦ ἀποθνήσκειν, ἐννοησάτω ὅτι ὅπου πολιτεία μεθίστανται πανταχοῦ ταῦτα γίγνεται· πλείστους δὲ ἀνάγκη ἐνθάδε πολεμίους εἶναι τοῖς εἰς ὀλιγαρχίαν μεθιστάσι διὰ τὸ πολυανθρωποτάτην τῶν Ἑλληνίδων τὴν πόλιν εἶναι καὶ διὰ τὸ πλείστον χρόνον ἐν ἐλευθερίᾳ τὸν δῆμον τεθράφθαι.

(a) Syntax of χρόνον? (b) Parse τεθράφθαι and explain its construction.

2.00 TO 3.00 P. M., MONDAY, 1ST JULY.

## GREEK HISTORY.

1 (a). How did the physical features of Greece affect the political destinies of the people? (b). Name the four great divisions of the Grecian race. (c). Sketch the state of society in the Heroic Age.

2 (a). What is meant by the *Dorian Invasion*. (b). Tell what you know of the *Amphictyonic Council*. (c). Of *Lycurgus* and his legislation. (d). Of the reforms of *Clisthenes*.

3 (a). Discuss the colonization of Asia Minor by the Greeks, and mention the three groups of colonies there founded. (b). Describe the interesting expedition that took place in that country in 401, B. C. (c). The invasion of Asia by *Agessilaus*.

4 (a). State how the control of Thebes was acquired by the Spartans in 382 B. C., and how they were subsequently expelled. (b). Describe the exploits of *Epaminondas*. (c). Narrate the career of the elder *Dionysius*.

5 (a). Show how *Philip* of Macedon became the leading ruler in Greece. (b). Describe his character. (c). Write a brief sketch of the eminent Athenian who headed the opposition to *Philip*.

3.10 TO 4. 10 P. M., MONDAY, 1ST JULY.

## BOTANY.

(Only five questions to be answered).

1. (a) Describe the appearance and size of the nucleus of any plant cell which you may have examined, stating particulars with respect to the kind of plant and the magnifying power of your microscope. (b) Describe the process of cell division and growth, so as to show your idea of the cell, its contents, and their transformation.

2. Sketch briefly the character of the tissue seen in any three of the following:—(a) a section of a potato tuber, (b) a cross and longitudinal section of pine, spruce or hemlock, (c) of a fern stem, (d) of a lichen thallus, or (e) of any tissue not figured in your texts.

3. Discuss assimilation and respiration in plants within the compass of an average answer. Or describe with drawings any experiments you may have made in plant physiology.

4. Show what you know about the protophyta, either generally, or in some particular species which you may have studied.
5. Show what you know about fungi parasitic on leaves of any kind.
6. Show what you know about any of the olive or red algæ.
7. Compare a moss with a liverwort so as to show your knowledge of the characters of the classes.
8. Describe the characters of the *Compositæ* and give a list of the species you remember; or of the *Rosaceæ*; or of the *Labiataæ*; or of the *Orchidaceæ*; or of the *Lycopodiaceæ*, or of the *Agaricaceæ*.

4.15 TO 5.15 P. M., MONDAY, 1ST JULY

**GREEK.**  
**DEMOSTHENES.**

I.

Translate :—

εἴ τι πάθοι καὶ τὰ τῆς τύχης ἡμῖν, ἥπερ ἀεὶ βέλτιον ἢ ἡμεῖς ἡμῶν αὐτῶν ἐπιμελούμεθα, καὶ τοῦτ' ἐξεργάσαιτο, ἴσθ' ὅτι πηλοῦν μὲν ὄντες, ἅπασιν ἂν τοῖς πράγμασι τεταραγμένοις ἐπιστάντες ὅπως βούλεσθε διοικήσαισθε, ὡς δὲ νῦν ἔχετε, οὐδὲ διδόντων τῶν καιρῶν Ἀμφίπολιν δέξασθαι δύναισθ' ἂν, ἀπηρητημένοι καὶ ταῖς παρασκευαῖς καὶ ταῖς γνώμας.

(1) What is the construction of *τα τῆς τύχης* and of *ἥπερ*? (2) Parse *ἀπηρητημένοι*.

II.

Translate :—

οὔτοι παντελῶς οὐδ' εἰ μὴ ποιήσαιτ' ἂν τοῦτο, ὡς ἐγωγέ φημι δεῖν, εὐκαταφρόνητόν ἐστιν, ἢν ἢ διὰ τὸν φόβον εἰδῶς εὐτρεπεῖς ὑμᾶς (εἴσεται γὰρ ἀκριβῶς. εἰσὶ γὰρ, εἰσὶν οἱ πάντ' ἐξαγγέλλοντες ἐκείνω παρ' ἡμῶν αὐτῶν πλείους τοῦ δέοντος) ἡσυχίαν ἔχη, ἢ παριδῶν ταῦτα ἀφύλακτος ληφθῆ, μηδενὸς ὄντος ἐμποδῶν πλεῖν ἐπὶ τὴν ἐκείνου χώραν ὑμῖν, ἂν ἐνδῶ καιρόν.

(1) Parse *εἴσεται*, *ληφθῆ*. Explain construction of the adjectives *εὐτρεπεῖς* and *πλείους*.

III.

Translate :—

σκοπεῖτε γὰρ ὧδέ. ὑμεῖς τὴν παρρησίαν ἐπὶ μὲν τῶν ἄλλων οὕτω κοινὴν οἴεσθε δεῖν εἶναι πᾶσι τοῖς ἐν τῇ πόλει ὥστε καὶ τοῖς ξένοις καὶ τοῖς δούλοις αὐτῆς μεταδεδώκατε, καὶ πολλοὺς ἂν τις οἰκέτας ἴδοι παρ' ὑμῖν μετὰ πλείονος ἐξουσίας ὅ τι βούλονται λέγοντας ἢ πολίτας ἐν ἐνίαις τῶν ἄλλων πόλεων, ἐκ δὲ τοῦ συμβουλευεῖν παντάπασιν ἐξεληλάκατε.

αὐτῆς. Explain case of this word.

IV.

Translate :—

πάνν γε, ἀλλ' ὅμως αὐτοὺς δεῖ σῶς εἶναι συμφέρει γὰρ τῇ πόλει. καὶ μὴν οὐδ' ἐκεῖνό γε δῆλόν ἐστιν ἡμῖν, ὡς ἐπὶ χερρόνησον οὐχ ἤξει· ἀλλ' εἴγε ἐκ τῆς ἐπιστολῆς δεῖ σκοπεῖν ἥς ἔπεμψε πρὸς ὑμᾶς, ἀμυνεῖσθαί φησι τοὺς ἐν χερρονήσῳ. ἂν μὲν τοῖνυν ἢ τὸ συνεστηκὸς στράτευμα, καὶ τῇ χώρᾳ βοηθῆσαι δυνήσεται καὶ τῶν ἐκείνου τι κακῶς ποιῆσαι.

(1) Parse σῶς. (2) Explain the case of ἥς and the grammatical connection of the words τῶν ἐκείνου τι.

V.

Translate :—

φέρει γὰρ πρὸς Διός, εἰ λόγον ὑμᾶς ἀπαιτέσειαν οἱ Ἕλληνες ὧν νυνὶ παρείκατέ καιρῶν διὰ ραθυμίαν, καὶ ἔροιθ' ὑμᾶς ἄνδρες Ἀθηναῖοι πέμπετε ὡς ἡμᾶς ἐκάστοτε πρέσβεις, καὶ λέγετε ὡς ἐπιβουλεύει φίλιππος ἡμῖν καὶ πᾶσι τοῖς Ἕλλησι καὶ ὡς φυλάττεσθαι δεῖ τὸν ἄνθρωπον καὶ πάντα τὰ τοιαῦτα; ἀνάγκη φάσκειν καὶ ὁμολογεῖν. ποιούμεν γὰρ ταῦτα.

(1) λόγον ὑμᾶς. Explain construction of these words.

9.00 TO 10.00 A. M., TUESDAY, 2ND JULY.

**TACITUS (Agricola and Germania).**

1. Translate:—Ac plerique suam ipsi vitam narrare fiduciam potius morum quam arrogantiam arbitrati sunt, nec id Rutilio et Scauro citra fidem aut obtrectationi fuit; adeo virtutes iisdem temporibus optime aestimantur, quibus facillime gignuntur. At nunc narraturo mihi vitam defuncti hominis venia opus fuit; quam non petissem incusaturus tam saeva et infesta virtutibus tempora.

- (a) Explain construction of *ipsi, morum, obtreactioni, venia*.  
 (b) *Quam*—*tempora*. Explain this conditional sentence.

2. Translate:—*Iam vero principum filios liberalibus artibus erudire, et ingenia Britannorum studiis Gallorum anteferre, ut, qui modo linguam Romanam abnuebant, eloquentiam concupiscerent. Inde etiam habitus nostri honor, et frequens toga, paulatimque discessum ad delenimenta vitiorum; porticus et balnea et conviviorum elegantiam; idque apud imperitos humanitas vocabatur, quum pars servitutis esset.*

*Et*—*anteferri*. Give differing interpretations of this clause.

3. Translate:—*Quos quod tandem invenistis, non restiterunt, sed deprehensi sunt: novissimae res et extremo metu corpora defixere aciem in his vestigiis, in quibus pulchram et spectabilem victoriam ederetis. Transigite cum expeditionibus, imponite quinquaginta annis magnum diem, approbate rei publicae nunquam exercitui imputari potuisse aut moras belli aut caussas rebellandi.*

Parse *restiterunt* and *ederetis*, accounting for mood of latter.

4. Translate:—*Quotiens bella non ineunt, multum venatibus, plus per otium transigent dediti somno ciboque, fortissimus quisque ac bellicosissimus nihil agens; delegata domus et penatium et agrorum cura feminis senibusque et infirmissimo cuique ex familia; ipsi hebet, mira diversitate naturae, quum iidem homines sic ament inertiam et oderint quietem.*

- (a) Parse *venatibus*. (b) Parse *oderint* and explain mood.

5. Translate:—*Est in insula Oceani castum nemus, dicatumque in eo vehiculum, veste contextum. Attingere uni sacerdoti concessum. Is adesse penetrali deam intelligit, vectamque bubus feminis multa cum veneratione prosequitur. Laeti tunc dies, festa loca, quaecumque adventu hospitioque dignatur. Non bella ineunt, non arma sumunt; clausum omne ferrum; pax et quies tunc tantum nota, tunc tantum amata, donec idem sacerdos satiatam conversatione mortalium deam templo reddat.*

Parse *penetrali* and *adventu*, accounting for case of each.

10.10 TO 11.10 A. M., TUESDAY, 2ND JULY.

### ZOOLOGY.

(Only five questions to be answered.)

- (a) Show what you know about the bones connected with a jaw and hyoid arch of any fish you may have dissected, and (b) its intestinal system.
- State, as fully as you can in the time, any practical study you may have made of any group of the fauna of the province, exhibiting as evidence, a list of the species, &c., sufficient to impress the examiner with the character of your work.
- Compare the structure of the skin and its organs in the following:—(a) Mammals, (b) Birds, (c) Amphibia, (d) Reptiles, (e) Fish, (f) Earth-worm, and (g) Starfish or any echinoderm.
- Show generally what you know about the *Arthropoda*, or exhibit the structure of any one species of the order which you have dissected.
- Show what you know about the *Polyzoa*, *Porifera* or *Mollusca*.
- Give any classification of the *Protozoa*, specifying where the species you studied from any locality would be placed in the system. Give an idea of the size, structure, habitat, and development of these local species.
- Discuss the life history of any of the pathogenic animal organisms.
- Discuss lucidly any one of the following subjects:—(a) Physiological Biology, or (b) Developmental and Palaeontological Biology, or (c) Taxonomic Zoology, or (d) Geographical Zoology.

11.15 TO 12.15 A. M., TUESDAY, 2ND JULY.

NAVIGATION.

(Only five questions to be answered.)

1. Find the true courses from the following data: .

<i>Mag. Course</i>	<i>Variation.</i>
S. W. by W.	2° W.
N. by E.	3° E.
S. S. W. $\frac{1}{2}$ W.	2 $\frac{1}{2}$ ° E.
W. N. W. $\frac{1}{2}$ W.	1 $\frac{1}{2}$ ° W.

2. Demonstrate a formula for finding the diff. of Long. when the initial and final latitudes and the course are given.

3. Show, as fully as you can, the principle on which a Mercator's Chart is constructed, and, also, the advantages, and disadvantages, if any, of such a chart.

4. Show, as clearly as possible, the different ways of finding the longitude of one's position at sea, giving the names of the instruments, tables, &c, that one would have to use.

5. What parts in the right-angled triangles for mid. latitude sailing, and for Mercator's sailing, respectively, correspond to the course, difference of latitude, and distance, in the triangle for plain sailing.

6. A ship from a place in Lat. 50° 6' N., and Long. 5° 55' W., is bound to a port in the Island of St. Mary, in Lat. 36° 58' N., and Long. 25° 12' W., and steers the following courses:—S. by W. 24 miles, W. S. W. 32 m., N. W.  $\frac{1}{2}$  W. 41 m., S. S. E.  $\frac{1}{4}$  E. 49 m., E. N. E.,  $\frac{1}{4}$  E. 19 m., W. 21 m., N. E.  $\frac{1}{2}$  E. 36 m., S. 41 m., S. S. W. 92 m., and N. 36 m. Construct (a) a traverse to suit the given courses and distances, and (b) show how you would find, by Mercator's sailing, the latitude and longitude in, and also the direct course and distance to the intended port, using hypothetical numbers wherever necessary.

2.00 TO 3.00 P. M., TUESDAY, 2ND JULY.

GREEK.

HOMER : ILIAD.

I.

Translate :

Ἀλλὰ τὸ μὲν πλείον πολυαῖκος πολέμοιο  
 Χεῖρες ἐμαὶ διέπουσ'· ἀτὰρ ἦν ποτε δασμὸς ἴκηται,  
 Σοὶ τὸ γέρας πολὺ μείζον, ἐγὼ δ' ὀλίγον τε φίλου τε  
 Ἔρχομ' ἔχων ἐπὶ νῆας, ἐπεὶ κε κάμω πολεμίζων.  
 Νῦν δ' εἶμι Φθίηνδ', ἐπεὶ ἡ πολὺ φέρτερόν ἐστιν  
 Οἴκαδ' ἴμεν σὺν νηυσὶ κορωνίσιν, οὐδέ σ' οἶω  
 Ἐνθάδ' ἄτιμος ἐὼν ἄφενος καὶ πλοῦτον ἀφύξειν.

(1) Explain Φθίηνδ'. What is the Anglo-Saxon equivalent of δέ? (2) Parse κάμω. (3) Attic form of ἴμεν.

## II.

Translate :—

Τῶν νῦν μιν μνήσασα παρέξεο καὶ λαβὲ γούνων,  
 Αἷ κέν πως ἐθέλησιν ἐπὶ Τρώεσσι ἀρήξαι,  
 Τοὺς δὲ κατὰ πρύμνας τε καὶ ἀμφ' ἄλα ἔλσαι Ἀχαιοὺς  
 Κτεινομένους, ἵνα πάντες ἐπαύρωνται βασιλῆος,  
 Γυῶ δὲ καὶ Ἀτρείδης εὐρυκρείων Ἀγαμέμνων  
 Ἦν ἄτην, ὅτ' ἄριστον Ἀχαιῶν οὐδὲν ἔτισεν."

- (1) Account for case of Τῶν, γούνων, βασιλῆος.  
 (2) Give Attic form of ἐθέλησιν, παρέξεο, βασιλῆος.

## III.

Translate :—

Τὴν δ' ἡμίβετ' ἔπειτα πατὴρ ἀνδρῶν τε θεῶν τε  
 "Ἦρη, μὴ δὴ πάντας ἐμοὺς ἐπιέλπεο μύθους  
 Εἰδήσειν χαλεποὶ τοι ἔσονται ἀλόχῳ περ εὐόση.  
 Ἄλλ' ὄν μὲν κ' ἐπιεικὲς ἀκουέμεν, οὐ τις ἔπειτα  
 Οὔτε θεῶν πρότερος τόν γ' εἴσεται οὔτ' ἀνθρώπων  
 Ὅν δε κ' ἐγὼν ἀπάνευθε θεῶν ἐθέλωμι νοῆσαι,  
 Μὴ τι σὺ ταῦτα ἕκαστα διεῖρο μηδὲ μετᾶλλα."

Parse εἰδήσειν εἴσεται, ἀκουέμεν.

## IV.

Translate :—

Ἐννέα δὴ βεβᾶσι Διὸς μεγάλου ἐνιαυτοί,  
 Καὶ δὴ δοῦρα σέσηπε νεῶν καὶ σπάρτα λέλνυται,  
 Αἰ δέ που ἡμέτεραί τ' ἄλοχοι καὶ νήπια τέκνα  
 Εἴατ' ἐν μεγάροις ποτιδέγμενα ἄμμι δὲ ἔργον  
 Αὐτῶς ἀκράαντον, οὐ εἴνεκα δεῦρ' ἰκόμεσθα.  
 Ἄλλ' ἄγεθ', ὡς ἂν ἐγὼν εἶπω, πειθώμεθα πάντες.

- (1) Parse βεβᾶσι, σέσηπε, εἴατ'. (2) Scan third line of extract, giving rules of quantity.

## V.

Translate :—

Ἴρις δ' αὖθ' Ἑλένη λευκῶλένῳ ἄγγελος ἦλθεν,  
 Εἰδομένη γαλόφ, Ἀπηνοριδαο δάμαρτι,  
 Τὴν Ἀπηνοριδῆς εἶχε κρείων Ἑλικᾶων,  
 Λαοδίκην Πριάμοιο θυγατρῶν εἶδος ἀρίστην.  
 Τὴν δ' εὖρ' ἐν μεγάρῳ ἡ δὲ μέγαν ἰστὸν ὕφαινεν,  
 Δίπλακα πορφυρέην, πολέας δ' ἐνέπασσεν ἀέθλους  
 Τρώων θ' ἵπποδάμων καὶ Ἀχαιῶν χαλκοχιτώνων,  
 Οὓς ἔθεν εἴνεκ' ἐπάσχον ὑπ' Ἄρηος παλαμάων,

- (1) Account for cases of γαλόφ and εἶδος.  
 (2) Parse ἔθεν.



3.10 TO 4. 10 P. M., TUESDAY, JULY. 2ND

**SANITARY SCIENCE.**

1. Show that a mixed diet is desirable. About how many ounces "water free" of each of the following substances is required daily by a man at ordinary work:—nitrogenous matter, fats, carbo-hydrates, mineral substances?
2. How are the laws of health most commonly violated in the home? In the school?
3. Give some directions for the treatment of the drowned.
4. To what extent, respectively, are the school, the course of study, the home conditions, and ignorance of the laws of health, responsible for the so-called "over pressure" in education?
5. Give some of the advantages and disadvantages, respectively, of city and rural life.

4. 15 TO 5. 15 P. M., TUESDAY, 2ND JULY.

**ASTRONOMY.**

(Only *five* questions to be answered.)

1. Explain how the exact determination of time may be obtained with a Transit Instrument.
2. How is the sun's distance determined by the Aberration of Light?
3. The mass of the sun is very nearly 332,000 times that of the earth. How is this result obtained? What is the volume and density of the sun?
4. State Kepler's laws, and the inferences from them.
5. State the more interesting or more important facts known about the planet Venus.
6. Discuss the physical constitution of Comets, their orbits and probable origin
7. How can the proper motion of stars be distinguished from their parallactic motion? Name any five constellations and describe their position at any time of the year and hour of the night, so as to prove that you can readily recognize them.
8. Explain the terms:—Ecliptic, Precession of the Equinox, Latitude and Longitude of a star, Perihelion, and Galaxy.
9. Discuss the effect of the atmosphere on the appearances of all celestial phenomena.

## GRADE XII.

9.00 TO 10.00 A. M., WEDNESDAY, 3RD JULY.

## ALGEBRA

1. (a) In what scale of notation is 25 doubled by reversing the digits.  
(b) If  ${}^n C_3 : {}^{n-2} P_4 = 57 : 16$ , find  $n$ .
2. If the harmonic mean between two quantities is to their geometric means as 12 to 13, prove that the quantities are in the ratio of 4 to 9.
3. Solve in positive integers the equation  $41x + 47y = 2191$ .
4. Find by the method of Indetermined Coefficients the sum of  $1x + 3x^2 + 5x^3 + 7x^4 + \dots$  to  $n$  terms.
5. If, on an average 9 ships out of 10 return safe to port, what is the chance that out of 5 ships, at least 3 will arrive?

Or, Prove that

$$\begin{vmatrix} a^3 & 3a^2 & 3a & 1 \\ a^2 & a^2 + 2a & 2a + 1 & 1 \\ a & 2a + 1 & a + 2 & 1 \\ 1 & 3 & 3 & 1 \end{vmatrix} = (a - 1)^6$$

10.10 TO 11.10 A. M., WEDNESDAY, 3RD JULY

## LATIN COMPOSITION.

1. Decline together in both numbers:—*Deus major, vis superior, bos ferox, vulnus letale*. Give the present infinitive and supine corresponding to the following verbal forms:—*Vetat, cedit, caedebat, caderet, jecit, jefellit, dormiebat, tango, tegebam*.
2. (a) Quote or frame brief expressions illustrating the following constructions:—*Dependent clause containing indirect question: locative case when noun is of first or second declension and singular: locative case when noun is of third declension or plural: verbs taking two accusatives: ablative of quality.*  
(b) Explain and illustrate the use of Moods in the *Oratio obliqua*. Answer any three of the following questions: (3, 4, 5, 6).
3. Translate into Latin:—(1) He said that the enemy was at hand, but exhorted his men not to flee. (2) There is a tradition (*traditur*) that he refused to accept the crown that he might not displease his brother. (3) They have come to importune us for peace. (4) I remember well the man whom you mention.
4. Translate into Latin:—(1) Circumstances having changed he sends ambassadors and asks for peace. (2) When Cæsar saw this he ordered his troops to charge. (3) He was a man of consummate courage, but of a vain mind. (4) If I were to say this I should not be listened to.
5. Translate into Latin:—(1) Their present joy was great, their hope of future good still greater. (2) He is on the way (*it*) to ruin his fortunes. (3) He wrote me that he would come if I wished. (4) It is the part of a good citizen to obey the laws of his country.
6. Translate at sight:—*At enim vir clarissimus, amantissimus rei publicæ vestris beneficiis amplissimis adfectus, Q. Catulus, itemque summis ornamentis honoris, fortunæ, virtutis, ingenii præditus, Q. Hortensius, ab hac ratione dissentiunt: quor-*

um ego auctoritatem apud vos multis locis plurimum valuisse et valere oportere confiteor, sed in hac causa tametsi cognoscetis auctoritates contrarias virorum fortissimorum et clarissimorum, tamen omissis auctoritatibus ipsa re ac ratione exquirere possumus veritatem, atque hoc facilius, quod ea omnia, quae a me adhuc dicta sunt, eidem isti vera esse concedunt, et necessarium bellum esse et magnum et in uno Cn. Pompeio summa esse omnia.

11.15 TO 12.15 A. M., WEDNESDAY, 3RD JULY.

FRENCH AUTHORS.

1. Translate:—Dumas "*Le beefsteak d'ours*" C'est qu'elle était merveilleusement servie, ma petite table. Quatre plats formaient le premier service, et au milieu était un beefsteak d'une mine à faire honte à un beefsteak anglais!... Mon hôte vit qu'il absorbait mon attention. Il se pencha mystérieusement à mon oreille:—"Il n'y en aura pas de pareil pour tout le monde," me dit-il. "Qu'est-ce donc ce beefsteak?"—"Du filet d'ours! rien que cela!"—"J'aurai autant aimé qu'il me laissât croire que c'était du filet de boeuf.

(a) Distinguish between:—Toute la ville, Toutes les villes, and Toute ville. Translate:—A man must do his duty. I shall take the whole. The whole world.

2. Translate:—Alfred de Vigny "*Moïse*."  
Et, debout devant Dieu, Moïse, ayant pris place,  
Dans le nuage obscur lui parlait face à face.  
Il disait au Seigneur:—"Ne finirai-je pas?  
Ou voulez-vous encor que je porte mes pas?  
Je vivrai donc toujours puissant et solitaire?  
Laissez-moi m'endormir du sommeil de la terre.  
Que vous ai-je donc fait pour être votre élu?  
J'ai conduit votre peuple ou vous avez voulu."

(a). What form of verse is used in this poem? Can you scan the first line?

3. Translate:—Theuriet "*Les Pêches*." Les rires alors partirent de tous les coins du salon; les domestiques eux-mêmes se tenaient les côtes, et, pâle, hagard, chancelant, je m'enfuis, écrasé de confusion; j'étais si égaré que je ne trouvais plus la porte, et je m'en allai, la mort dans le coeur, couter mon désastre à ma femme. Le lendemain, l'histoire courrait la ville. Quand j'entraï dans mon bureau, mes camarades m'accueillirent par un:—"Herbelot, ramassez vos pêches!" qui me fit monter le rouge au visage.

(a). Les domestiques eux-mêmes se tenaient les côtes. Put this in the singular. Express the meaning of this sentence in different words.

4. Translate:—Déroulède "*Le Sergent*."  
"Quand tu m'enterreras, comme le temps te presse,  
Fais ça tout seul, un trou, deux branches, ça suffit,  
Et pas de nom, la lettre arrive sans adresse!  
Mais, pour que le bon Dieu n'en fasse pas trop fi,  
Tu me cachéteras avec mes cinq médailles,  
Il comprendra très bien que ça veut dire: urgent!  
Car le bon Dieu s'appelle aussi Dieu des batailles...  
Dis donc, conscrit? il va me renommer sergent."

5. Translate:—Molière "*Le Bourgeois Gentilhomme*."—*Le Maître de Philosophie*. Tout ce qui n'est point prose est vers, et tout ce qui n'est point vers est prose. *Jourdain*. Et comme l'on parle, qu'est-ce que c'est donc que cela? *Le M. de Ph.* De la prose. *Jourdain*. Quoi! quand je dis, Nicole, apportez-moi mes pantoufles et me donnez mon bonnet de nuit, c'est de la prose? *Le M. de Ph.* Oui, monsieur. *Jourdain*. Par ma foi, il y a plus de quarante ans que je dis de la prose sans que j'en susse rien; et je vous suis le plus obligé du monde de m'avoir appris cela.

(a). *Sans que j'en susse rien*. Give principal parts of *susse*, and account for its mood. What form does the clause assume if *sans* is used instead of *sans que*?

(b). Give a few short notes on Molière.

2.00 TO 3.00 P. M., WEDNESDAY, 3RD JULY.

**ENGLISH LANGUAGE.**

(Only five questions to be answered.)

1. What influence had Latin upon the Anglo-Saxon language? To what was it due? Give examples of changes that occurred.
2. State fully what circumstances concurred to give predominance to the Midland dialect in England.
3. What changes have taken place in the comparison of the adjective?
4. What description does Chaucer give of the Prioress in the Prologue?
5. From what source did Chaucer take "The Knight's Tale?" How does he describe the Temple of Mars?"
6. Explain the following:—
  - (a). He rood upon a rouncey, as he couthe,  
In a gowne of faldyng to the kne.
  - (b). In his male he hadde a pilwe-beer.
  - (c). "Madame," quod he, "graunt mercy of your lore."
  - (d). For swevenes been but vanitees and japes.
  - (e). Whether that Goddess worthy forwiting  
Streyneth me nedely for to doon a thing.

3.10 TO 4.10 P. M., WEDNESDAY, 3RD JULY

**FRENCH GRAMMAR AND COMPOSITION.**

1. The *passive voice* may be expressed in different ways? explain and translate:— Many things are done that ought not to be done. French is spoken almost everywhere. The new Judge has been appointed (*nommer*). Prove that *intransitive* verbs admit of *no passive* by translating:—This question has not been thought of. This matter has not been spoken of.
2. What is the *pronominal* form of the *Object* governed: a) by *à*; b) by *de*; explain and translate:—Do you remember (*se souvenir de*) what I told you? No, I do not remember it. Have these letters been answered (*répondre à*)? Yes, they have been answered an hour ago.
3. *Quoi*, as a relative pronoun, is used with a certain word; translate for example:—The thing (*ce*) about which we think most, is often that of which we speak least. Give the English of the following idiomatic forms:—Il y a *de quoi* se plaindre. Il n'a pas *de quoi* payer son loyer. Cet homme a *de quoi* vivre. Establish the difference in the use of:—*quoique* and *quoi que*, giving examples.
4. Je ne puis parler *qu'il* ne m'interrompe. Comme il était tard et *qu'on* craignait la chute du jour, on partit pour la ville. Translate these sentences, and explain the nature of *que* in each. What mood does *que* require when used instead of *si*? translate for example:—If he came to Halifax and if (*que*) he did not call on me, I should feel offended. C'est *a vous a qui* je parle. C'est *de vous dont* il s'agit; translate and correct these sentences, giving explanations.
5. Translate into French:—When Lessing was yet a little boy and could scarcely read, his greatest pleasure was to turn over the leaves of books. Once his parents wanted to have him painted with a bird cage at his side. But the boy opposed this and exclaimed:—You must have me painted with a big heap of books, or else I won't be painted at all.

4.15 TO 5.15 P. M., WEDNESDAY, 3RD JULY.

### GEOLOGY.

(Only *five* questions to be answered.)

1. Write explanatory notes on (a) Metamorphic rocks, (b) Crystalline rocks, (c) Gneiss, (d) Granite, (e) Syenite.
2. Describe the history of a rock stratum from its formation to a highly contorted, broken or displaced condition, so as to show your knowledge of the dynamical agencies generally at work in these different stages.
3. Outline such a scheme of the Geological Ages, eras, or formations, as you have in your mind; and explain how their comparative ages or succession are determined.
4. Indicate the geographical distribution of the principal geological rock strata of Nova Scotia, with notes on (a) their fossils, (b) their economic minerals, and (c) their relation to the loose surface stratum overlying the rocks.
5. Describe any geological section through the province; and discuss the local conditions which produced each principal series of strata.
6. Discuss conditions in Nova Scotia during Quaternary times.
7. Discuss the distribution and mode of occurrence of the following minerals in the province:—Gold, Gypsum, Copper, Tin, Infusorial Earth.
8. Describe any practical systematic work you have done in any department of Nova Scotian Geology.

9.00 TO 10.00 A. M., THURSDAY, 4TH JULY.

### GEOMETRY.

1. Similar triangles are to one another in the duplicate ratio of their homologous sides.
2. Determine a point in the circumference of a circle, from which lines drawn to two other given points shall have a given ratio.
3. Show that two planes are perpendicular to one another when the dihedral angle formed by them is a right angle.
4. The straight lines which join the vertices of a tetrahedron to the centroids of the opposite faces are concurrent.
5. (a) Divide the line joining two given points into two parts having a given ratio  $m:n$ .
- (b) Construct the locus of the equation:  $-(x-3)^2 + (y-2)^2 = 25$ .

## GREEK COMPOSITION.

I. Decline together in all numbers: μέγας βασιλεύς, τὸ ἀληθές ἔπος, οὗτος ὁ αἰών, τὸ δις ἀκούον.

II. (a) Give a full description of the augment, with illustrations. (b) Explain peculiarities in the formation of the future and aorist of liquid verbs.

III. (a) State what mood and tense would be employed to express in Greek the italicized words in the following sentences: *Read* good books. *Do not associate* with bad persons. *Loose* that horse. *Do not strike* that boy. (b) Explain the principal forms assumed by conditional sentences in Greek.

*Answer any two of the following questions (IV, V, VI.)*

IV. Translate into Greek: (1) He plots against the enemy (sing.) and the enemy plots against him. (2) They were not able to use the water. (3) They heard a noise going through the ranks. (4) Man will fight more bravely for wife and children than for anything else.

V. Translate into Greek: (1) He wishes to rule but not to do those things which become a ruler. (2) Who ever saw a more beautiful city than Athens? (3) Peace has her victories as well as war. (4) These are the things, O Athenians, which we have been able to discover.

VI. Translate from author not specified:

Ταῦτα γράψαντος ἐμοῦ τότε, καὶ τὸ τῇ πόλει συμφέρον, οὐ τὸ τοῦ Φιλίππου ζητούντος, βραχὺ φροντισαντες οἱ χρηστοὶ πρέσβεις οὗτοι καθήντο ἐν Μακεδονίᾳ τρεῖς ὄλους μῆνας, ἕως ἤλθε Φίλιππος ἐκ Θράκης πάντα τὰ κεῖ καταστρεψάμενος, ἕξ ἡμερῶν δέκα, μᾶλλον δὲ τριῶν ἢ τεττάρων, εἰς τὸν Ἑλλησποντον ἀφίχθαι καὶ τὰ χωρία σῶσαι, λαβόντας τοὺς ὄρκους πρὶν ἐκείνους ἐξελεῖν αὐτά· οὐ γὰρ ἂν ἤψατ' αὐτῶν παρόντων ἡμῶν, ἢ οὐκ ἂν ὠρκίζομεν αὐτόν, ὥστε τῆς εἰρήνης ἂν διημαρτήκει καὶ οὐκ ἂν ἀμφοτέρα εἶχε, καὶ τὴν εἰρήνην καὶ τὰ χωρία.

Βραχὺ φροντισαντες — paying little heed to my suggestions.

11.15 TO 12.15 A. M., THURSDAY, 4TH JULY.

**CICERO—In Catilinam.**

1. Translate:—Si te iam, Catilina, comprehendi, si interfici iussero, credo, erit verendum mihi, ne non hoc potius omnes boni serius a me, quam quisquam crudelius factum esse dicat. Verum ego hoc, quod iam pridem factum esse oportuit, certa de causa nondum adducor ut faciam. Tum denique interfecere, cum iam nemo tam improbus, tam perditus, tam tui similis inveniri poterit, qui id non iure factum esse fateatur.

- (1) Account for the cases of *mihi, quod, tui*. (2) How is the verb *credo* used? Also the adverbs *serius* and *crudelius*?

2. Translate:—Quodsi ea mihi maxime impenderet, tamen hoc animo fui semper, ut invidiam virtute partam gloriam, non invidiam putarem. Quamquam nonnulli sunt in hoc ordine, qui aut ea, quae imminet, non videant, aut ea, quae vident, dissimulant; qui spem Catilinae mollibus sententiis alauerunt coniurationemque nascentem non credendo corroboraverunt.

- (1) *Hoc animo*. Account for case.  
(2) Parse *partam*, and account for the subjunctives *videant* and *dissimulant*.

3. Translate:—Quodsi iam sint id, quod summo furore cupiunt, adepti, num illi in cinere urbis et sanguine civium, quae mente conscelerata ac nefaria concupiverunt, consules se aut dictatores aut etiam reges sperant futuros? Non vident id se cupere, quod si adepti sint, fugitivo alicui aut gladiatori concedi sit necesse?

- (1) What is the force of *num* in direct interrogations? (2) Parse *adepti sint*.  
What construction follows verbs of hoping?

4. Translate:—Memoria vestra, Quirites, nostrae res alentur, sermonibus crescent, litterarum monumentis inveterascent et corroborabuntur: eandemque diem intelligo, et ad salutem urbis, quam spero aeternam fore, et ad memoriam consulatus mei propagandam: unoque tempore in hac republica duos cives exstitisse, quorum alter fines vestri imperii, non terrae, sed coeli regionibus terminaret; alter ejusdem imperii domicilium sedemque servaret.

- (1) *Alter*——*alter*. Who are referred to? (2) *Exstitisse*. What is the construction of this infinitive?

5. Cogitate, quantis laboribus fundatum imperium, quanta virtute stabilitam libertatem, quanta deorum benignitate auctas exaggeratasque fortunas una nox paene delerit. Id ne unquam posthac non modo conficised ne cogitari quidem possit a civibus, hodierno die providendum est. Atque haec, non ut vos, qui mihi studio paene praecurritis, excitarem, locutus sum: sed ut mea vox, quae debet esse in republica princeps, officio functa consulari videretur.

- (1) *Delerit*. Parse and account for mood.  
(2) *Ne*——*quidem*. What is the rule for the relative position of these words?

Account for case of *officio*.

2.00 TO 3.00 P. M., THURSDAY, 4TH JULY.

**PHYSICS.**

(Only five questions to be attempted. Full value will be given provided the answer is in such form that only multiplication and division is necessary to give the correct numerical result.)

1. Given the formula for the pendulum,  $g = \frac{\pi^2 l}{t^2}$ ; find the value of  $g$  when  $l = 10$  meters and  $t = 2$  minutes. How does the value you obtain compare with the standard value for  $g$  on the earth's surface?
2. Show how it happens that when the two resistances in one branch of the Wheatstone Bridge have the same ratio as the two in the other branch, there is no current through the Galvanometer.
3. On what basis is the absolute zero of temperature determined?
4. Discuss the color of mixed pigments, or colors due to interference of light.
5. Make plain that you understand the nature of electrical induction and condensation, as exhibited in the Leyden jar.
6. Find the focal length of a lens that throws upon a screen 3 feet distant, the image of an object 5 feet distant.
7. Compare the power required for two circuits, on one of which there are fifty arc lamps of 50 ohms resistance, and on the other a dynamo of 540 volts supplying a current of 200 amperes. What is the horse power of each? (746 Watts = 1 H. P.)
8. How would you prove Boyle's Law experimentally, (There is usually a flaw in the description as given by examinees. Try to avoid it). If a quantity of air occupy 350 c. c. in a tube over mercury, the level within the tube being 25 mm. below that without, and the atmospheric pressure 750 mm., what volume will it occupy when the level within the tube is 30 mm. above that without, and the atmospheric pressure is 760 mm?
9. If a wheel make 200 revolutions per minute, what is its angular velocity?
10. Describe any experiment not already discussed, showing that you understand the principles involved. (The simpler the experiment chosen, the more minutely must the examinee expect his answer to be criticised).

3.10 TO 4.10 P. M., THURSDAY, 4TH JULY.

**GERMAN GRAMMAR AND COMPOSITION.**

1. Compose three German *complex* sentences, the *dependent* clauses of which being respectively:—a *noun* clause; an *adjective* clause; an *adverbial* clause. If in a complex sentence, the *dependent* clause precedes the principal, what is the order of words in the latter? Translate for example:—When I visited Germany a few years ago, I was astonished at the progress of Arts and Sciences there.
2. Certain conjunctions cause *inversion*, others *transposition* of the verb: name three of each class, giving short examples in illustration. The English conjunction *but* is represented in German by:—*aber*, *allein*, and *sondern*; explain the difference in the use of these words by translating:—Canada is a vast and magnificent country; but the number of its inhabitants is not very large. Your friend has invited us to a concert next week; but, unfortunately, we cannot accept the invitation. It was not his brother, but his friend, who lost his life.



3. Illustrate the difference between:—*denn* and *dann*; *wenn* and *wann*, give the English of your German examples. The English *when* corresponds with three German words; explain and translate:—*When* do you intend to leave for home? I don't like to be disturbed, *when* I am writing. *When* I went out, it began to rain.

4. What is the equivalent form in German of the English infinitive in *ing* preceded by a preposition? translate for example:—He insists *upon* going abroad. If the *subjects* of both verbs are dissimilar, the sentence assumes a different form; explain and translate:—*I* insist upon *his* going abroad. Give the German of:—He saved his life by jumping through the window.

5. Translate into German:—Those who help us in misfortune are our true friends.—Tell me what books you want, and I will send them to you.—We went into a house from the windows of which we could see the whole procession.—Of all the poets Schiller has most won the love of the people.—I should never have thought that you could learn German in so short a time.

4.15 TO 5.15 P. M., THURSDAY, 4TH JULY.

**VERGIL (Georgics).**

1. Translate:—*Pater ipse colendi*  
*Haud facilem esse viam voluit, primusque per artem*  
*Movit agros, curis acuens mortalia corda,*  
*Nec torpere gravi passus sua regna veterno.*  
*Ante Jovem nulli subigebant arva coloni;*  
*Ne signare quidem aut partiri limite campum*  
*Fas erat: in medium quærebant, ipsaque tellus*  
*Omnia liberius, nullo poscente, ferebat.*

*Colendi.* Is this a gerund or gerundive? Can it have a grammatical connection different from that indicated in your translation?

2. Translate:—*Idcirco certis dimensum partibus orbem*  
*Per duodena regit mundi Sol aureus astra.*  
*Quinque tenent cælum zonæ: quarum una corusco*  
*Semper sole rubens et torrida semper ab igni;*  
*Quam circum extremæ dextra lævaque trahuntur,*  
*Cærulea glacie concretæ atque imbribus atris:*  
*Has inter mediamque duæ mortalibus ægris*  
*Munere concessæ divum; via secta per ambas,*  
*Obliquus qua se signorum verteret ordo.*

(a) Parse *dimensum*. (b) Explain the following expressions:—*duodena astra*; *has inter mediamque*; *obliquus ordo*.

3. Translate:—*Nec tempore eodem*  
*Tristibus aut extis fibræ apparere minaces,*  
*Aut puteis manare cruor cessavit: et altæ*  
*Per noctem resonare lupis ululantibus urbes.*  
*Non alias cælo ceciderunt plura sereno*  
*Fulgura; nec diri toties arsere cometæ.*  
*Ergo inter sese paribus concurrere telis*  
*Romanas acies iterum videre Philippi;*  
*Nec fuit indignum superis, bis sanguine nostro*  
*Emanthiam et latos Hæmi pinguescere campos.*

- (a) Explain syntax of *extis, puteis, superis*.
- (b) Write explanatory note on *iterum videre Philippi*.
4. Translate:—*Ergo ubi nactæ sudum camposque patentés  
Erumpunt portis, concurrunt; æthere in alto  
Fit sonitus; magnum mixtæ glomerantur in orbem,  
Præcipientesque cadunt: non densior aere grando,  
Nec de concussa tantum pluit illic glandis:  
Ipsi per medias acies insignibus alis  
Ingentes animos angusto in pectore versant,  
Usque adeo obnixi non cedere, dum gravis aut hos,  
Aut hos versa fuga victor dare terga subegit.*
- (a) Parse *nactæ, grando, obnixi*.
- (b) *tantum pluit illic*. Parse these words. Can *pluit* be followed by more than one case?
5. *Quin ipsæ stupuere domus atque intima leti  
Tartara, cæruleosque implexæ crinibus angues  
Eumenides, tenuitque inhians tria Cerberus ora,  
Atque Ixionii vento rota constitit orbis.  
Jamque pedem referens casus evaserat omnes,  
Redditaque Eurydice superas veniebat ad auras,  
Pone sequens namque hanc dederat Proserpina legem:  
Quum subita incautum dementia cepit amantem,  
Ignoscenda quidem, scirent si ignoscere manes.*  
Write brief explanatory notes on *Eumenides, Cerberus; Ixionii orbis, Proserpina*.

9.00 TO 10 A. M., FRIDAY, 5TH JULY.

### TRIGONOMETRY.

(Only five questions to be answered.)

1. (a) Given  $\log_{10} 2 = .30103$ , find  $\log_{10} 10$  and  $\log_{10} 3210$ .  
(b) The logs of 2, 3 and 7 being known, solve the equation:  $3^{2x} = 128 \times 7^{(4-x)}$ .
2. Deduce the formula:  $\tan \frac{A}{2} = \sqrt{\frac{(s-b)(s-c)}{s(s-a)}}$
3. Prove:  $\sin A + \sin B = 2 \sin \frac{1}{2}(A+B) \cos \frac{1}{2}(A-B)$
4. If  $\sin A = \frac{1}{\sqrt{5}}$  and  $\sin B = \frac{1}{\sqrt{10}}$ , show that one value of  $A+B$  is  $45^\circ$ .
5. Find the ratio between (1) the sides and (2) the areas of an equilateral triangle and a square inscribed in a circle.
6. A person standing at a point A, due South of a tower built on a horizontal plain, observes the altitude of the tower to be  $60^\circ$ . He then walks to a point B, due West from A, and observe the altitude to be  $45^\circ$ , and then at the point C in AB produced, he observes the altitude to be  $30^\circ$ . Prove that  $AB = BC$ .
7. If  $A = \sin^{-1} \frac{3}{5}$  and  $B = \cos^{-1} \frac{3}{5}$ , prove  $A+B = \frac{\pi}{2}$

10.10 TO 11.10 A. M., FRIDAY, 5TH JULY.

**PSYCHOLOGY.**

(Only five questions to be answered).

1. Lay a red patch on a white sheet of paper, and cover both with white tissue-paper. The white surface will seem slightly tinged with..... Explain this result.

Or, state Weber's law, and explain how it may be tested for tactual pressure by raising successive multiple weights.

2. "The abstract *conception* of space is not the same thing as the *perception* of an extended object, or a particular part of space." Discuss this statement, or explain the "construction of real space."

3. "The sense of our meaning has to do with the fringe of the mind's object." Discuss the theory alluded to.

4. "What holds attention determines action." Discuss.

5. "Probability and circumstantial evidence thus run dead against the theory that our actions are purely mechanical in their causation." Discuss the theory.

6. Write notes on *habit*, its physical basis, practical effect, and ethical importance

7. Discuss the four chief memory types, including verbal subtypes.

8. (a) What is the fundamental difference between mind of genius and mind of commonplace man? (b) Define *apperception*.

9. Can animals reason? State the reasons for your view.

10. Define emotion and instinct, and discuss the physiological theory of emotion.

11. Discuss any one of the following:—(a) Dreams, (b) Hypnosis, (c) Double consciousness.

11.15 TO 12.15 A. M., FRIDAY, 5TH JULY

**HORACE (Satires.)**

1. Translate:—*Iura inventa metu iniusti fateare necesse est, tempora si fastosque velis evolvere mundi, nec natura potest iusto secernere iniquum, dividit ut bona diversis, fugienda petendis; nec vincet ratio hoc, tantundem ut preccet idemque qui teneros caulis alieni frerit horti et qui nocturnus sacra divum legerit.*

(a) Against what Philosophical School and doctrine is this passage directed?

(b) *fugienda petendis*. Parse these words in full.

2. Translate:—*Quattuor hinc rapimur viginti et milia raedis, mansuri oppidulo quod versu dicere non est, signis perfacile est: venit vilissima rerum hic aqua; sed panis longe pulcherrimus, ultra callidus ut soleat umeris portare viator; nam Canusi lapidosus, aquae non ditior urna qui locus a forti Diomede est conditus olim, flentibus hinc Varius discedit maestus amicis.*

Parse *milia, mansuri, venit*.

3. Translate:—"Tempore quo iuvenis Parthis horrendus, ab alto demissum genus Aenea, tellure marique magnus erit, forti nubet proceras Corano filia Nasicae metuentis reddere soldum. tum gener hoc faciet; tabulas socero dabit atque ut legat orabit; multum Nasica negatas accipiet tandem et tacitus leget, invenietque nil sibi legatum praeter plorare suisque.

Give syntax of *Aenea, Corano, plorare*.

4. Translate:—"Liberius si dixero quid, si forte iocosus, hoc mihi iuris cum venia dabis: insuevit pater optimus hoc me, ut fugerem exemplis vitiorum quaeque notando. cum me hortaretur, parce, frugaliter, atque viverem uti contentus eo quod mi ipse parasset, 'nonne vides Albi ut male vivat vivat filius, utque Baius inops? magnum documentum ne patriam rem perdere quis velit.'"

(a) *hoc me*. Parse these words.

(b) *exemplis quaeque notando*. Account for the case of each of these words.

5. Sequor hunc, Lucanus an Apulus anceps nam Venusinus arat finem sub utrumque colonus, missus ad hoc, pulsus, vetus est ut fama, Sabellis, quo ne per vacuum Romano incurreret hostis, sive quod Apula gens seu quod Lucania bellum incuteret violenta.

(a) *Hunc*. Who is referred to? *Anceps*. What is the construction of this word?

(b) *Romano*. What different explanations are given of the singular number?

2.00 TO 3.00 P. M., FRIDAY, 5TH JULY.

### BRITISH HISTORY.

(Only five questions to be answered.)

1. Give a short account of English society at the time of the Conquest of Britain in the 5th century.
2. "He had a strange gift of attracting friends——but in his inner soul John was the worst outcome of the Angevins." Fill in details illustrating this statement.
3. Write a note on the commerce, wealth and social progress of England during the reign of Elizabeth.
4. Point out the effects of Puritanism upon culture, human conduct and society in England.
5. What were the chief features in the settlement of the Constitution by the Revolution of 1688-9.
6. Give an account of the religious revival in England that "burst forth at the close of Walpole's administration."
7. State the chief causes that led to the confederation of the British American Colonies, and also note the financial arrangements of the scheme.

3.10 TO 4.10 P. M., FRIDAY, 7TH JULY.

**ENGLISH LITERATURE.**

(Only five questions to be answered.)

1. What date, and with what writer does *English Prose* begin? Name the subject on which he wrote, and his translation.
2. Mention the first three prominent English historians. Give the titles of their histories, and the characteristics of each as to style.
3. Give the substance of Carlyle's remarks on "Adamitism."
4. What does Carlyle say about "Helotage?"
5. How does Milton describe "Satan?"
6. Quote fifteen or twenty consecutive lines from Milton's "Paradise Lost." Book II.
7. Contrast the character of Brutus with that of Cassius, and illustrate your answer by quotations.
8. By whom, and under what circumstances were the following excerpts spoken:—
  - (a.) Cowards die many times before their deaths;  
The valiant never taste of death but once.
  - (b.) Thou art the ruins of the noblest man  
That ever lived in the tide of times.
  - (c.) Are yet two Romans living, such as these?  
The last of all the Romans, fare thee well!  
It is impossible that even Rome  
Should breed thy fellow.
  - (d.) This was the noblest Roman of them all.

4.15 TO 5.15 P. M., FRIDAY, 5TH JULY.

**GERMAN AUTHORS.**

1. Translate:—*Nach hundert Jahren.*—Aber er kam nicht. Stunde um Stunde verrann, und Juan kam nicht zurück.—"Das ist doch sonderbar," sagte die besorgte Mutter, "wo das Kind heute bleibt;" und endlich stand der Vater verdriesslich auf und sagte: "Kommt, ich will euch suchen helfen,—wir werden ihn gewiss finden—wo ging er hin, als er sich versteckte?"—"Es was oben in dem langen Gange," riefen ein paar Dutzend Stimmen durcheinander, "wo er von uns lief und uns aufforderte, ihn zu suchen."
- (a.) Ihn zu suchen. Account for the infinitive with *zu*, and illustrate cases in which it is used *without zu*. Translate:—I have heard them singing.
2. Translate:—*Heimatliebe.*

<p>( ) süsse Heimatlüfte, Wie weht ihr doch so mild, Wie labet ihr, o Düfte Vom heimischen Gefild.</p>	<p>Was auch auf fernen Wegen Das Herz für Freuden fand, Es giebt den reichsten Segen Doch nur das Heimatland.</p>
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- (a.) Why is the adjective *mild* uninflected here? In what other cases does the adjective assume the same form? Give illustrations.

3. Translate:—*Josef Speckbacher*.—Aber länger konnte sein Gastfreund ihn und sich nicht der Gefahr aussetzen. In der Nacht auf den 16. trugen er und ein Freund Speckbacher abwechselnd auf den Schultern, mehr als zwei Stunden weit über lauter Seitenwege nach Rinn, wo sich seine Familie befand, wobei sie oft durch tiefen Schnee zu waten hatten. Noch in der Dunkelheit langten sie bei Speckbachers Stelle an, der eine gute Strecke vom Wohnhause entfernt liegt, wo sie ihn zurückliessen.

(a). In der Nacht . . . auf den Schultern. Explain the *inversion* of the *subject* in this sentence, and write it down in the *normal* order.

4. Translate:—*Erlkönig*.—

Mein Vater, mein Vater, und siehst du nicht dort  
Erlkönigs Töchter am düstern Ort?  
Mein Sohn, mein Sohn, ich seh' es genau,  
Es scheinen die alten Weiden so grau.—

“Ich liebe dich, mich reizt deine schöne Gestalt:  
Und bist du nicht willig, so brauch ich Gewalt.”—  
Mein Vater, mein Vater, jetzt fasst er mich an!  
Erlkönig hat mir ein Leids gethan!—

(a). Give short notes on the author of “*Erlkönig*.”

5. Translate:—*Englische Schauspieler in Paris*.—Zwei Tage später wollten die Engländer noch einmal *auftreten*, in einem Lustspiel von Sheridan, welches in Deutschland unter dem Namen “die Lästerschule” bekannt ist. Man hatte die Preise der Plätze *erhöht* und glaubte, damit etwas sehr Kluges gethan zu haben. Aber das Haus war nicht weniger angefüllt als das vorige Mal, und von der nämlichen Menschenklasse. Ich war dieses Mal so vorsichtig das gefährliche Parterre zu *vermeiden* und *nahm* in einer Loge der zweiten Gallerie Platz.

(a). Parse, classify, and give principal parts of:—*auftreten*, *erhöht*, *vermeiden*, *nahm*.

### Municipal School Fund

For the support of Public Schools, appropriated to Trustees of School Sections named below for the year ended July 31st, 1907.

The Asterisk (\*) indicates the Poor Sections.

Institution for	Legally authorized days schools were open.	Grand total days' attendance of pupils.	Total amount from Municipal Fund.
Paradise, West	208	3680	48 88
Springfield	200	4104	50 68
Lake Pleasant	208	4759	58 88
Falkland Ridge	203	4565	54 02
Torbrook Mines	208	5718	62 10
Crossburn	179	5251	55 59
*Douglasville	189	1313	46 84
*West Inglisville	104	481	22 95
*Inglewood	53	953	19 83
*Torbrook, East	131	899	32 36
*Morse Road	208	1829	55 30
*Durling's Lake	159	1934	47 48
*Alpena	208	2005	57 01
*Albany Cross	189	964	43 46
*Dalhousie W	203	1445	51 03
*Dalhousie Cen.	203	3065	66 43
*Stoddartville	206	1246	49 27
*Cherryfield	188	2209	55 39
*Forest Dale	44	367	12 52
Middleton on ac- of school garden			25 00
Carleton on ac- of school garden			10 00

ANNAPOLIS.

EAST.

WEST

Institution for Deaf and Dumb		135 00	
Meivern	416	7278	97 23
Forest Glen	208	2080	38 50
Margaretville E	208	5472	60 51
Margaretville	205	3320	46 19
Prince Albert	189	882	28 43
Victoria Vale	207	2315	39 90
Mosher's Corner	207	1794	36 52
Port George	207	4259	52 52
Mount Hanley	189	1098	29 83
Outram	101	813	18 43
Port Lorne	207	5176	58 47
Arlington	208	2745	42 81
St. Croix Cove	208	3955	44 82
Hampton	208	5085	58 00
Clarence West	208	2861	43 57
Clarence Centre	195	3377	45 36
Clarence East	205	3253	45 75
Brooklyn West	200	3178	44 66
Spa Springs	208	1928	37 51
S Farmington	208	6313	65 97
Middleton	1209	36776	383 94
Brickton	208	2967	44 26
Lawrencetown	624	18637	195 94
Paradise	415	11145	122 20
Bridgetown	1030	33957	338 31
Meadowvale	208	2086	38 54
Torbrook	208	5610	61 40
Nictaux Falls	208	3995	50 92
Nictaux, South	189	1158	31 22
Williamston, S	202	2032	37 46
Williamston, N	208	3011	44 54
Carleton	208	5938	63 53
Centreville	202	3674	48 07
Bentville	200	3125	44 32
Bloomington	186	2010	35 39
Inglisville	203	3037	44 35
Albany, North	194	1774	34 83
Albany, South	206	1796	36 41

Young's Cove	77	2119	24 00
Parker's Cove	189	2588	39 50
Hillsburn	207	3000	44 35
Litchfield	208	4915	56 89
Victoria Beach	183	6389	63 46
Port Wade	199	6315	64 90
Karsdale	208	3170	45 57
Winchester	185	3365	44 07
Stoney Beach	208	3536	47 94
Granville Ferry	416	8550	105 48
Granville Cen.	206	5936	63 28
Belle Isle	207	4211	52 21
Gesner	208	5223	58 90
Chesley	208	4097	51 59
Round Hill	415	11021	121 40
Moschelle	208	2360	40 32
Annapolis R'l	1098	28601	417 29
Upper Clements	208	3279	46 28
Clementsport	414	4765	80 68
Deep Brook	414	9345	110 41
Waldeck, East	192	2387	38 58
Hessian, West	208	6542	67 45
Clementsvalle	416	10448	117 80
Prince Dale	208	3665	48 78
Greywood	172	1661	32 45
Milford	159	2457	35 06
Maitland	208	4378	53 41
Lake LeRose	188	1835	34 55
Perotte	189	1637	33 33
L'Equille	416	8764	106 88
Waldeck, West	208	4379	53 42
Allen River	208	2942	49 09
Beaconsfield	123	2256	30 42
*Phinney Cove	208	3004	66 75
*Greenland	205	3296	69 04
*Wright	168	925	39 29
*Virginia	179	965	41 66
*Lake May	73	575	18 74
*Victory	156	1117	39 00

*Guinea	205	3481	70 86
*Lansdowne	208	3050	67 18
*Lake Munro	103	610	25 50

## BORDER SECTIONS

Dalhousie, East	178	384	8 38
Bear River	1248	16530	174 05
*Northfield	64	423	10 08
*Albany, New	153	1410	41 22
New Grafton	206	17	0 40

## ANTIGONISH.

School for the Blind, Halifax			450 00
Two Co. funds at rate of \$25.00 a year, Consolidated School			49 52
Antigonish	3219	66567	937 93
North River	195	2527	44 35
Harbor Road	195	2586	44 84
Morristown	168	2188	38 30
Lakevale	208	3835	56 74
S. S. Cape Geo.	208	6323	77 34
Morar	202	4559	62 01
Georgeville	208	3071	50 42
Malignant Cove	208	4357	61 06
Arisaig	208	5009	66 46
McAra's Brook	186	1689	36 33
Pleasant Valley	202	2967	48 85
Clydesdale	206	2913	48 87
Lower S. River	183	3192	48 42
S. Side Harbor	208	2480	45 53
Monkshead	207	3867	56 88
Pomket	208	5598	71 34
Heatherton	416	5048	91 79
Bayfield	204	4032	57 90
Afton	208	2865	48 72
W. A. Tracadie	208	2826	48 40
Big Tracadie	208	2071	42 15
E. Tracadie	208	3891	57 20
Linwood	208	3271	52 08
Havre au Bouche	624	17062	216 24
E. H. au Bouche	204	3003	49 37
Fraser's Grant	99	934	19 63
Glassburn	208	2885	48 88
Caledonia Mills	208	1901	40 74
Marydale	208	3569	54 54
St. Andrews	208	3915	57 40
Dunmore	208	3825	56 65
Fraser's Mills	200	2591	45 49
Upper S. River	202	1854	39 62
Lochaber	202	1030	32 81
N. Lochaber	156	3995	51 82
W. River (con.)	206	5298	68 62
Beaver Meadow	203	4253	59 60
Cross Rds Ohio	203	5527	70 15
James' River	197	2622	45 37
Up. Briley Br'k	123	891	22 16
Springfield	208	1888	40 62

North Grant	204	2860	48 20
Maryvale	198	2688	46 05
Copperlake	186	2125	39 95
New France	208	1900	40 73
Frankville	208	6528	79 03
Cape Jack	208	3889	57 18
Union Centre	203	2766	47 30
St. Joseph's	205	4545	62 26

## POOR SECTIONS.

Cape Geo. Pt.	204	2832	71 94
N. Merland	141	1812	47 92
Up. Glen Road	192	2310	63 30
Up. Springfield	208	1364	54 43
Cloverville	169	763	39 93
Fairmont	208	2916	73 71
Hallowell Grant	196	1917	59 11
Tracadie (Col.)	145	1754	47 92
Black Avon	208	2249	65 43
West Lakevale	208	3474	80 63

## BORDER SECTIONS.

Auld's Cove	190	1506	21 92
Grosvenor	205	249	5 93

## CAPE BRETON.

School for the Blind			1035 00
Institution for Deaf and Dumb			880 00
Sydney	8402	291212	3172 08
South Bar	204	5539	65 64
Low Point	415	9343	119 25
Lingan	207	3814	53 20
Gardiner Mines	207	3543	51 18
Mitchell	202	4390	56 87
Reserve	1759	53285	607 06
Dominion	1007	47934	476 94
Glace Bay	7892	313671	3277 54
Big Glace Bay	566	18097	202 40
Blockhouse	208	2583	44 18
Gowrie	619	17062	201 08
Birch Grove	208	1533	36 38
Homeville	198	2742	44 16
South Head	182	3241	45 94
Milton	200	3454	49 68
Mira Gut	207	2622	44 35
Horne's Road	200	2290	41 04
Marion Bridge	172	6306	67 50
The Meadows	196	2474	89 04
Sydney Forks	182	1603	33 78
Coxheath	205	4475	57 86
Blackett's Lake	205	847	30 93
Edwardsville	153	2344	35 79
Point Edward	190	3830	51 28
Ball's Bridge	165	2231	36 39
Ball's Creek	197	4270	55 38
Leitche's Creek	208	2572	44 09
Up. No. Sydney	205	5282	63 86
North Sydney	3666	153827	1582 77



Sydney Mines	4541	143189	1608	96
Little Pond	205	8095	84	04
Alder Point	208	5140	63	16
Lt. Bras d'Or	207	5931	68	92
Lt. Bras d'Or W	184	6985	73	98
George's River	203	3625	53	20
Long Is'd Main	48	620	10	37
Big Bank	127	2430	33	30
Eureka	203	1540	35	83
Grove's Point	201	2071	39	54
Mill Creek	177	3584	47	88
Point Aconi	170	2070	35	80
Millville	203	3009	46	74
Union	202	3115	47	41
Brickyard	204	2526	43	27
Catalone	208	3691	52	40
Bateston	195	5391	63	47
Clark's Road	189	1378	32	95
Mainadieu	199	5220	62	68
Lorraine Baleine	123	1831	28	37
Big Lorraine	166	967	27	13
Louisburg	1003	29818	341	95
West Louisburg	206	5273	63	91
Gabarus Bay	208	3957	54	38
Gabarus	416	7273	104	00
Gull Cove	192	2060	38	37
Gabarus Lake	208	4027	54	90
Up. Grand Mira	198	3843	52	33
Victoria Bridge	161	2674	39	20
Salmon River	151	1157	26	74
East Bay	201	7288	150	74
Brack's Brook	180	2488	40	10
Big Pond	208	2109	40	66
Irish Vale	183	3033	44	51
Portage	174	3617	47	76
N. Side E. Bay	141	1377	27	17
Eskasoni	20	379	5	21
Benacadie	203	4856	60	45
Grand Narrows	206	2703	44	83
Christmas Isl'd	171	3361	45	50
Big Beach	208	2690	44	97
Beaver's Cove	199	3177	47	51
Boisdale	206	5718	67	21
Barachois	108	2166	29	06

POOR SECTIONS.

Front Lake	85	1672	33	94
Victoria	207	2284	62	76
Scatarie	206	3449	75	56
Trout Brook	189	1623	52	15
Gr. Mira, North	200	1919	57	43
Enon	148	1437	42	69
Macadam's Lake	59	1179	23	77
Amaguadeez	173	2082	54	38
Shenacadie	118	1547	38	50
Beechmont	124	1297	36	80

BORDER SECTIONS.

Irish Cove	206	4687	48	08
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COLCHESTER.

STIRLING.

School for Blind			270	00
School for Deaf and Dumb			90	00
Tatamagouche	400	12606	135	99
Tarbet	191	3961	50	22
Forrest	200	3600	49	36
Waugh's	195	4327	53	62
Middleton	208	3559	49	83
French River	206	3299	47	77
Tatamagouche B	203	3875	51	44
Murphy's	201	3344	47	49
Lake Road	179	2519	39	09
Mill Brook	208	3678	50	66
Oliver's	192	4602	55	20
McLeod's	131 1/2	1745	27	99
Byers	199	2649	42	41
Wilson's	202	4104	52	92
Balmoral	199	2207	39	32
Earltown	205	3961	52	28
Slade's	184	2416	38	98
Brule	204	4797	58	00
Conkey	207	2793	44	39
Falls	203	1941	37	94
East Earltown	188	1683	34	35
Brule Point	194	1865	36	33
Keble	163	1880	32	72
Denmark	204	4108	71	43

POOR SECTIONS.

New Truro Rd.	205	1231	49	55
West Earltown	208	2286	61	43
Clydesdale	197	1476	50	95
Truro Road	120	1312	35	36

SOUTH.

Truro	5348	164624	1791	52
" School Garden			15	00
Bible Hill	412	13380	142	89
" School Garden			10	00
Upper Onslow	202	4735	57	26
Central Onslow	205	3246	47	29
Lower Onslow	191	4749	56	10
Belmont	196	4398	54	29
" School Garden			10	00
Upper Belmont	208	3554	49	80
Crowe's Mills	206	4017	52	79
Onslow Mount.	186	3455	46	47
South Branch	144	956	24	00
North Branch	206	3559	49	50
Salmon River	208	5559	63	79
Valley	201	4112	52	85
Manganese				
Mines	141	1358	26	44
Kemptown	174	1470	37	19
Greenfield	204	3370	48	04
Harmony	206	5192	60	99
Lower Truro	205	6143	67	51
Old Barns	206 1/2	5895	65	96
" School Garden			10	00
Clifton	162	1291	28	49

Princeport	203	2406	41	19
Beaver Brook	204	3012	45	54
Green Oak	206	2131	39	44
Green's Creek	151½	793	23	74
Dartville	201	808	29	80
Up. Pleasant V.	208	2873	45	05
Hilden	199	3820	50	59
Brookfield	416	8023	106	00
School Garden			10	00
Forest Glen	182	1101	29	56
Alma	208	4558	56	81
Fort Ellis	207½	2603	43	11
Lr. Stewiacke	602	18808	203	62
Landon	206	3579	49	74
Shubenacadie	185	5332	59	45
Gay's River	208	4854	58	87
Coldstream	152	1918	31	63
W St. Andrews	208	2493	42	40
Wittenburg	206	2236	40	37
South Branch	205	2912	44	98
Meadowvale	147	892	23	92
Southvale	123	813	20	47
Newton Mills	206	5607	63	89
Eastville	208	3493	49	38
Pembroke	198	1443	33	87
Burnside	195	2772	42	79
Cross Roads	207	5477	63	11
Up. Stewiacke	208	6648	71	40
Otter Brook	197	2842	43	52
Mid. Stewiacke	207	3074	46	33
Birch Hills	207	1706	36	86
Alton	206	3405	48	52

POOR SECTIONS.

McCallum Setl't	208	1238	50	46
Nutby	206	3138	69	99
Up. N River	76	596	19	93
Riversdale	207	1701	55	12
Camden	203	2299	60	66
Riverside	188	1222	46	66
Lanesville	206	909	46	68
Smithfield	139½	2242	48	61

WEST.

Lynn	202	2536	41	92
Lr. Five Islands	371	7203	94	87
Five Islands	415	9363	115	24
Lr. Economy	207	5029	59	98
Cent'l Economy	306	9521	114	05
Up. Economy	205	3968	52	34
Pleasant Hills	205	2043	38	90
Bass River	410	9111	112	87
Montrose	204	2319	40	71
Highland Vil'ge	206	2881	44	87
Great Village	624	18230	202	25
" consolidation			25	00
Great Village Sch'l				
" Garden			15	00
Lornevale	186	3606	47	53
Acadia Mines	990	34181	357	07
West Folly Mt.	191	2397	39	73
East Village	201	1971	37	92
Folly Village	416	6612	96	15

DeBert	207	4070	53	29
Masstown	204	3673	50	15
DeBert Station	414	6386	94	24
East Folly Mt.	205	3635	50	01
Londonderry St	201½	4778	57	59
Portaupique	208	3112	46	72
Hardwood Hills	208	3668	50	60
Little Bass R'vr	207	5927	66	25
Portaupique Mt.	208	1314	34	16

POOR SECTIONS.

Castlereagh	208	1086	48	87
Folly Lake	182	1484	48	41

CUMBERLAND.

School for the Blind			\$360	00
Institution for Deaf and Dumb			630	00
Malagash Point	204	2110	37	85
North Shore	199	2142	37	45
Malagash	204	1498	33	98
Stake Road	171	3434	42	22
East Wallace	203	3332	45	43
Linden	207	4446	52	96
Richmond	197	3260	44	27
Wallace	411	9972	112	40
Six Mile Road	201½	2501	40	00
West Amherst	202	3341	45	38
Middleboro	208	4441	53	05
Wentworth	208	2580	41	30
" consolidation			25	00
Wentworth Sta.	208	3870	49	44
North Wallace	206	2287	39	19
Fox Harbour	206	1048	31	37
Lr. Gulf Shore	206	1480	34	09
Up. Gulf Shore	200	1578	33	99
Pugwash	624	16280	177	84
N. Wallace Bay	200	3025	43	13
Pugwash Jct.	208	5530	59	94
East Pugwash	207	1577	34	83
Up. Pugwash	192	2362	37	99
Wallace Bridge	189	3647	45	75
" consolidation			35	48
Rockly	208	1980	36	23
Roslin	154	1072	25	28
Hansford	201	1193	31	68
Victoria	199½	1669	34	52
Hartford	204	2856	42	56
Port Howe	206	4551	53	58
Up. Linden	207	3404	46	30
Shinimacac Bdg.	176	1857	32	87
Shinimacac	208	2268	39	32
Northport	382	6869	89	30
Tidnish	206	4318	52	02
Head Amherst	205	3705	48	03
Truemanville	208	3676	48	22
Warren	208	2196	38	86
Amherst	4849½	173260	1677	54
Fort Lawrence	208	3880	49	50
Amherst Point	207	2323	39	54
N. Middleboro	206	2440	40	15
Nappan	412	7479	96	75

Maccan	206	6655	66	80
Lr. Maccan	189	1307	30	95
Barronsfield	208	2210	38	95
Lr. Cove	208	4414	52	87
Minudie	205	3525	46	89
Joggins	832	31123	296	62
Two Rivers	207	2088	38	06
Shulie	208	3944	49	91
Lorneville	208	3756	48	75
Amherst Shore	205	3021	43	71
Chapman Set'mt	192	3165	43	07
Tidnish Bridge	207	6199	64	03
R. Hebert Head	208	3580	47	60
Athol	207½	3726	48	47
Southampton	207	3710	48	31
West Brook	205	3563	47	14
East Mapleton	206	1720	35	61
Mapleton	208	2010	37	70
Leamington	202	4902	55	25
Lr. Southampton	206	4206	51	32
Windham	174	1410	29	81
Herritt Road	208	5678	60	87
Glenville	132	1158	23	16
Brookdale	206	4783	54	96
Salem	203	4343	51	83
Fenwick	203	4393	52	14
Up. Nappan	208	3577	47	58
Streets Ridge	196	1976	36	03
West Leicester	208	1931	37	18
East Leicester	203	2158	38	02
Little River	207	2072	37	96
Mt. Pleasant	202	1975	36	75
Oxford	1224	53322	484	00
Lr. R. Philip	206	3096	44	26
Up. R. Philip	207	4720	54	69
Wyvern	189	3688	46	01
Williamsdale	207	3489	46	91
Westchester Sta.	194	3458	45	13
Hastings	201	3080	43	61
Chignecto	415	11568	122	94
Henderson Set.	201	1965	36	56
Eel Creek	205	3083	44	10
East Hansford	204	1994	37	12
Mt. Pleasant	208	2373	40	00
River Hebert	615	21921	212	40
West Pugwash	206	1990	37	30
East Wentworth	58	1143	14	17
Little Forks	30	294	5	46
Clifton	195	4098	49	34
Springhill	4462	172050	1623	35
Thompson	206	3849	49	06
Mansfield	120	1041	21	00
South Brook	206	2907	43	10
Little River	203	1320	32	72
Springhill Jct.	208	2714	42	13
Rodney	202	5100	56	50
Valley Road	202	2950	42	90
Conn's Mills	182	2227	35	92
Beckwith	206½	1901	36	82
South Pugwash	205	2155	38	24
Collingwood	207	5282	58	25
East Amherst	205	5197	57	46

POOR SECTIONS.

Westchester L.	64	718	16	30
Lr. Greenville	208	1766	48	18
Sand River	208	1624	46	98
Appleton	207	1000	41	59
S. Victoria	208	2419	53	69
Millvale	208	2929	58	00
Greenville C. Rs.	135	490	25	74
River View	208	1568	46	53
North Greenville	94	746	21	34
Rushton	169	1581	40	38
Greenville Stat.	115½	946	26	47
Black River	208	1991	50	10
Salt Springs	197	1732	46	14
Westchester Val.	158	1425	37	33

PARRSBOROUGH.

Parrsboro	205½	64760	655	65
Port Greville	415	13428	134	70
New Prospect	128	533	18	74
Cross Roads	202	3776	48	12
Diligent River	208	6960	68	95
Cannonsville	208	4556	53	77
Fox River	416	11936	125	38
Brookville	197	1970	36	10
Fraserville	203	4084	50	23
Spencer's Isld	203½	9785	86	26
consolidation				
Cape D'or	208	3314	45	92
Advocate	831½	24806	256	65
Apple River	353	9077	99	78
Salem	207	4658	54	31
Lakelands	207	4611	54	03
Halfway River	206	2406	39	93
New Canaan	194	3381	44	69
Gilbert's Mt.	183	410	24	60
E. Halfway R.	208	4202	51	55
Wharton	85	1200	17	80
Harrison Set'mt	204	1263	32	47
Moose River	182	3351	43	05

POOR SECTIONS.

Green Hill	184	1878	45	28
Black Rock	115	2506	39	54

DIGBY.

Institution for Deaf and Dumb			90	00
School for the Blind			540	00
Milford Corner	208	3332	45	32
Lansdowne	208	1904	36	62
Morganville	170½	4509	47	99
Cross Road	186	2233	35	98
Smith's Cove	401	6569	88	27
Acaciaville	147	2143	30	74
Hill Grove	207½	2570	40	62
North Range	199	4458	51	12
Marshalltown	187	3190	41	93



Dover Bay	208	5275	66 25
North Branch	170	1757	34 17
E. Port Felix	186	4047	54 00
W. Port Felix	182	3350	48 07
Cole Harbor	192	4451	57 88
Charlos' Cove	208	7228	81 52
Larry's River	197	7874	85 25
Fisherman's Har	144	2381	35 92

POOR SECTIONS.

Havendale	182	2006	56 32
W. Roman Val.	97	978	28 96
Guysboro, col.	187	2050	47 75
Black Point	189	2010	57 64
Up. White Head	168	2307	57 34
Old Salmon R R	198	2157	61 00
Up. Big Tracadie	172	2480	60 09
Giant's Lake	208	2213	63 45
Coddle Harbor	171	2750	63 08
E. Roman Val.	189	2379	61 97
Gammond's Pt.	157	1069	40 84

BORDER SECTIONS.

Grosvenor	205	3744	50 05
Cross Rds. Cty H	208	6134	71 26
Argyle	87	293	6 69
Port Bickerton	208	2071	24 81
Auld's Cove	190	1529	25 35

ST. MARY'S.

School for Blind, Retained for Cheggoggin section			135 00
Sherbrooke	620	17219	234 85
Still Water	172	2061	39 86
Glenelg	208	2834	51 39
Lr. Caledonia	199	1597	38 79
Up. Caledonia	203	2730	49 82
Aspen	204	4502	66 44
S. Lochaber	158	2172	39 21
Ecum Secum	199	6258	82 19
Marie Joseph	205	2538	48 27
Liscomb Mills	189	1449	36 21
Liscomb	206	3180	54 37
Little Liscomb	207	2909	51 97
Wine Harbor	203	7890	97 87
Port Hillford	206	4488	66 55
Sonora	203	6074	80 06
St. Mary's River	207	872	33 00
Goldenville	208	4038	62 60
Goshen	208	2601	49 22
Spanishship B.	208	4152	63 66

POOR SECTIONS.

Smithfield	129	1053	37 95
Cameron's Set.	204	1654	59 88
Cheggoggin	165	1823	55 20

BORDER SECTIONS.

Newtown	98	1108	19 42
Port Bickerton	208	3966	53 31
Cross Rds Cty H	208	282	4 33
Argyle	87	305	8 94

HALIFAX COUNTY.

School for the Blind			585 00
Deaf and Dumb Inst.			630 00
Hubbards Cove	392	11029	137 14
Black Point	208	8000	90 30
Ingram River	206	7445	85 53
St. James	206	5693½	71 23
East River	206	3043½	49 62
Head Harbour	201	5038	65 27
Victoria	183	7522½	83 27
Albert	206	5172	66 97
Glen Margaret	206	4434	60 95
Hackett's Cove	168	6882	76 36
Indian Harbor	205	8000	89 94
West Dover	161	2778	42 02
East Dover	207	4774	63 85
Upper Prospect	148	4184½	51 94
Pennant	200	5124	65 86
Sambro	204½	3858	56 07
Spryfield	208	2856	48 31
Ketch Harbor	178	4706	59 90
Portuguese Cove	191	3964½	57 56
Herring Cove	398	10939½	137 12
Ferguson's Cove	206	2205½	42 76
Cunard	206	3110½	50 15
N. West Arm	206	5014½	65 69
Rockingham	204	3253½	51 16
Bedford	403½	18127½	196 26
Hammond's PIs.	206	5381½	68 79
Pockwock	201	2446	44 11
Upper Sackville	206	2994	49 20
Lower Sackville	187	3797	53 47
Beaver Bank	207½	2560½	45 91
Windsor Junct.	193	3398	50 92
Oakfield	204	1599	37 57
Oldham	183	5522	66 91
Goff's	200½	3957½	56 40
Fall River	198	4873	63 57
Waverley	206	7651	87 21
Montague	207	4007	57 58
Dartmouth	4488	169688	1924 48
Wellington	206	7463	85 68
S. E. Passage	201	7307½	84 30
Cow Bay	206	3632½	54 41
Cole Harbor	203	4348½	59 89
Preston Road	201	5078½	65 61
Partridge River	167	3101	45 38
Mineville	106	689½	18 38
W. Lawrencet'n	208	3541½	53 90
E. Lawrencet'n	181	1206	31 60
Porter's Lake	208	2346½	44 15
Graham	105	551	17 13
Seaforth	207	2323	43 82
W. Chezzetcook	411½	11512½	143 34
Grand Desert	206	11158	145 83
H'd Chezzetcook	205	4422	60 73

Hope Ridge	185	8000	87	53
L. E. Chezzet'k	201	3326½	51	31
W. Petpeswick	188	3510	51	25
Musquodoboit H	392	11866½	144	80
Bayers Section	208	3556½	54	02
E. Petpeswick	202	2824	47	32
Stevens	208	2335½	44	06
Ostrea Lake	197	2871	47	11
West Jeddore	165	6541½	73	22
Head Jeddore	136	37395	46	86

EAST.

Oyster Pond	188	4505	67	44
East Jeddore	202	5945	72	77
Clam Harbor	207½	5437	69	32
Ship Harbor S.	191	4180	57	07
Ship Harbor N.	206	7202	83	58
Ship Harbor E.	189	7872	86	97
Murphy's Cove	202½	6153½	74	55
Pleasant Harbor	205	7153	83	02
Tangier	200	6978	80	99
Mooseland	208	3192	51	05
Pope's Harbor	205	4215½	59	05
Spry Harbor	196	7476½	84	58
Spry Gay (Hen.)	204	4678½	62	70
Spry Bay (Les)	198	5873½	71	74
W. Sheet Harbor	383	12088	144	70
E. Sheet Harbor	370	8262	111	90
Lewiston	107½	1335½	23	83
Watts	199	4062½	57	08
Beaver Harbor	204	3021½	49	18
Port Dufferin	412½	11881	146	55
Quoddy	208	7063½	82	65
Harrigan Cove	198	5325½	67	27
Moser River	402	11866½	145	15
Smith Cove	208	5230½	67	69
Ecum Secum	202	6203½	74	90

RURAL.

Dutch Settlem't	200	4649	61	98
Landells	205	5062	65	96
Cook's Brook	206	3372	52	28
Lake Egmont	208	2708	47	10
Meagher's Grant	206	4507	61	55
Little River	416	5853½	97	80
South	205	5149	66	67
North	186	6649½	76	63
Taylor	201	2632½	45	64
Brookvale	206	3316	51	82
Higginsville	208	3811	56	10
Sedgewick	204	3886½	56	24
Greenwood	208	3920	56	99
Hutchinson	187	3538½	51	36
Henry	205	5749	71	56
Deane	208	2821	48	09
Chaplin	204	2200	42	48
Caribou Mines	206	4927½	64	98
Moose R. Mines	208	3639	54	70

WEST POOR.

Bayside	191	2187	61	11
Shad Bay	191	3281	61	21
Beechville	81	1723½	35	69

Goodwood	39	455	12	58
Harrietsfield	42½	382	18	85
African	155	2847½	62	79
Lucasville	185	2355½	62	17
Grand Lake	148	1032½	39	31
New Road	164	4050½	79	14
Mid. Porter's L.	103	1013	30	95
Pleasant Point	183	1347½	49	58

EAST POOR.

Lower Lakeville	206	3638	81	64
Owls Head	49	1216½	23	70
Newcombes Brk.	59	645½	18	65
Gerrard's Island	202	2124	62	37
Mushaboon	196	4856½	74	93
Sheet Har. Rd.	195½	1506½	53	70
Lochaber	207	1798	59	31
Sober Island	181½	3757½	79	87
Sheet H. Passage	208	3031	74	60

RURAL POOR.

Kerr's	99	935	29	27
Sibley	208	2900½	72	98
Glenmore	125	1685	43	19
McKenzie	191	2566½	65	82
Lindsay's Lake	167	640½	37	93

BORDER SECTIONS.

N. Beaver Bank	179	1260.5	32	67
Enfield	386	774.5	11	14
Elmsdale	408	863.5	12	42
Mt. Pleasant	415	2314	35	30

HANTS.

EAST.

School for Blind			90	00
Inst. for Deaf and Dumb			180	00
Rawdon Church	204	4472	56	96
S. Rawdon	205	3106	47	18
Pleasant Valley	206	3386	49	33
Birch Brook	105	1119	20	76
West Gore	207	3711	51	81
East Gore	94	1069	19	07
Up. Rawdon	207	4219	55	48
Mt. Uniacke	206	3507	50	21
Up. 9 Mile River	208	5465	64	65
W. Indian Road	145	1796	30	46
E. Indian Road	155	974	25	70
Lr. 9 Mile River	195½	1844	36	88
Balnan	206	1410	34	99
Hardwoodland	195½	1632	35	35
Shubenacadie	414	12274	138	81
Mill Village	206	4281	55	81
N. Salem	208	3435	49	93
Rine's Creek	208	1340	34	73
Urbania	208	4220	55	62
Rockville	170	4974	56	52
Maitland	416	10055	122	93
Noel Road	205	3751	51	86

Up, Selma	416	10803	128	35
L. Selma	196	4369	55	26
Noel Shore	183	4452	54	30
E. Noel	208	4383	56	80
W. Noel	416	8571	112	17
Burncoat	208	2040	39	80
Moose Brook	206	2582	43	50
Tenecape	206	2076	39	82
S. Noel Road	201	4848	59	32
Kennetcook Ch.	158½	5068	55	82
Northfield	197½	3668	50	36
Hd. Kennetcook	206	2580	43	48
Five Mile River	150	2103	33	29
Whale Creek	203	1528	35	50
Gore	208	1724	37	52
Uniacke Mines	133	1597	27	58
*E. Uniacke	88	628	22	71
*Renfrew	189	2037	56	25
*New Dublin	208	2373	63	33
*N. Noel Road	197	3824	77	14
*Milford	208	4118	82	32
*Greenfield	208	1485	53	55
*E. Tenecape	208	2744	67	36
*Grand Lake	208	3971	80	73

BORDER SECTIONS.

Newp't and Dgls	206	2084	24	39
Enfield	416	7265	97	51
Elmsdale	410	7026	94	84
Mt. Pleasant	412	5761	82	63
Walton	416	7082	90	15
*Hillsdale	208	1394	36	78
*S. Uniacke	139	1828	44	97
*N. Beaver Bank	179	228	17	43

WEST.

School for Blind			90	00
Inst. for Deaf and Dumb			90	00
Windsor	2511	91590	994	23
Wentworth	193	3933	52	93
Three Mile Plain	395	7317	102	80
Martock	208	6358	73	07
Forks	187	3725	50	64
Falmouth Vil.	197	4154	55	09
Falmouth Cen.	416	11513	137	04
Mt. Denson	204	4652	59	70
Hantsport	1039	29016	344	25
Avondale	416	7660	107	91
Belmont	206	1762	38	08
Poplar Grove	204	3320	49	62
Brooklyn	414	8491	113	95
Kennetcook Dk.	208	3153	48	84
Burlington	204	5776	68	19
Summerville	416	7346	105	54
Cheverie	414	5830	93	84
Brookville	618	11659	162	45
Cambridge	207	2334	42	53
Pembroke	208	3834	53	99
Cogmagun	156	1071	26	85
Scotch Village	208	4447	58	61
Woodville	206	2915	46	80
MacKay	208	1991	40	05
Newport Road	194	3705	51	33

St. Croix	410	10028	125	17
Ellershouse	202	8486	88	43
Riverside	206	2202	41	41
Union	208	3343	50	27
Falmouth Val.	208	3334	50	21
Sweet's Corner	202½	4508	58	42
*Vaughan	201	933	46	81
*S. Waterville	168	1649	48	99
*Greenhill	135	1497	41	31
*Ardoise	197	1682	54	60
*Five Mile Plain	165	3129	65	24
*Mt. Summerville	135	1417	40	41
*Mills	207	2502	65	70
*W. B. Falmth	207	1955	59	49

BORDER SECTIONS.

*Mill Brook	204	2131	54	28
Walton	416	2052	26	75
Newp & Doug.	206	3484	41	82
*Hill, late	208	1027	27	55
*Halfway River	103	80	4	47

INVERNESS.

NORTH.

Inst. for Deaf and Dumb			810	00
School for Blind			180	00
Pleasant Bay	187	3822	60	47
“ conveying children to school			30	00
Cape Rouge	208	3189	56	70
Little River	208	7504	99	57
Muise	208	8000	104	50
Prairie	208	5456	79	20
Cheticamp	134	3186	47	77
Eastern Harbor	208	8000	104	50
Plateau	206	7534	99	63
Le Fort	103	3391	45	08
LeBlanc	208	6812	92	70
Ruisseau du Lac	208	8000	104	50
Grand Etang	206	8000	104	26
Friars Head	208	8000	104	50
White	208	4439	69	12
Belle Côte	208	5834	82	99
Jacob	208	3926	64	03
Ford	208	3183	56	64
Forks	416	9256	141	99
Rossville	208	4254	67	28
Mill Brook	180	2375	45	23
Munro	206	3708	61	62
Leadbetter	182	3781	59	46
Big Interval	180	3654	57	95
Margaree Har.	208	4467	69	39
Chimney Corner	208	2080	45	67
St. Rose	172	2316	43	69
Broad Cove Mh.	208	5798	82	62
Brook	158	1807	36	96
Broad Cove Chp.	186	3989	62	01
Big River	103	2130	33	55
Inverness	1606	54119	730	87
Broad Cove Bks.	207	3940	64	05
Strathlorne	197	3586	59	33
Glenville	206	1641	41	06

North Ainslie	63	1003	17 54
Capt. Allan's	208	7489	99 40
McFarlane's Bd.	142	1824	35 21
Scottsville	208	4099	65 75
McMillan's Mill	205	4509	70 04
Tulloch	208	4503	69 76
Hay's River	38	873	13 25
Skye Glen	171	2120	41 62
Campbell's Mt.	173	705	27 79
Whycocomagh	169	4851	68 51
Widow Lords	140	844	25 23

## POOR SECTIONS

Ingraham's Bk.	113	1489	42 57
Murphy	208	2654	77 05
Big Brook	192	1641	59 09
Albert	182	2269	66 63
Stewartdale	203	1915	65 15
Ainslie Glen	199	2091	67 04
Kiltarlity	208	1906	65 92
Glenmore	153	3154	74 60
N. Highlands	12	164	4 60
Pembroke	191	2294	68 64

## SOUTH.

Hawkesbury	827	19988	298 00
Hastings	207	6995	94 38
Low Point	208	3481	59 58
Albion	205	5088	75 19
Lorne	199	2977	53 39
Judique	122	2511	39 59
Judique Interv.	208	3580	70 57
Little Judique	48	795	13 55
Seaside	133	3990	55 60
Port Hood	1209	27374	417 32
Port Hood Isl'd	191	2426	47 06
Rocky Ridge	206	2226	46 87
W. Mabou Har.	203	3993	64 07
Baden	203	4260	66 72
Upper S. West	199	1692	40 72
Mabou	612	8863	161 62
Mabou Mines	208	5020	74 88
Smithville	180	3522	56 64
Hillsboro	204	2525	49 61
Brook Village	182	4744	69 00
S. W. Ridge	189	1913	41 72
River Dennis Rd	158	2900	47 80
Centennial	208	2267	47 52
Lake Horton	143	1230	28 00
Princeville	163	2666	46 08
Kingsville	123	1490	29 55
Glendale	204	2677	51 10
Melford	55	522	11 80
Macpherson	40	600	10 76
Mill Brook	200	4365	67 40
Caribou	179	2363	45 00
Gillis Cove	208	2215	47 00
Orangedale	201	2548	49 48
Seal Cove	198	3089	54 50
McLean's Bdge.	207	3123	55 90
S. S. R. Dennis	201	2482	48 80
Little Harbor	207	2210	46 85
Marble Mount.	200	5398	77 67

Dallas Brook	203	1804	42 32
Ross' Mills	208	771	32 65
Rear Jud. Interv	162	1693	36 30
*Creignish	204	2220	69 87
*Craigmore	72	1302	32 35
*Dunmore	182	2007	76 68
*S. Highlands	110	634	29 25
*Mull River	184	3124	79 74
*Maple Ridge	198	2891	78 78
*Big Brook	90	560	24 64
*Ashfield	67	1106	28 53
*W. Bay Road	95	1157	34 32

## BORDER SECTIONS.

West Bay	205	2851	49 02
Cleveland	207	695	13 30

## KINGS.

School for Blind			270 00
Inst. for Deaf and Dumb			450 00
Greenwood	198	3930	51 44
Harmony	208	3880	52 29
Nicholsville	206	3090	46 49
Millville	196	5434	61 78
Morristown	207	6267	68 96
Sand Hill	208	3344	48 52
Dempsey Corner	208	4129	54 04
Brooklyn (a)	208	3742	51 31
St. Marys	208	4724	58 23
Piedmont	208	4947	59 80
Ormsby Road	207	2711	43 94
Weston	416	5425	88 16
Welsford	207	3593	50 15
Somerset	404	6409	93 63
Berwick	616	14985	179 48
S. Berwick	413	6883	98 06
Waterville	413	10571	123 99
Grafton	198	4319	54 18
Woodville	397½	5466	86 22
Harborville	208	2678	43 84
E. Hall's Har.	208	3736	51 27
Lakeville	415	8737	111 33
Northville	206	1973	38 64
Brooklyn (c)	208	2896	45 37
Cambridge	208	5255	61 97
Coldbrook	202	3827	51 20
Alton	206	4204	54 34
Lake Mills	49	726	11 01
Canaan	155	2794	38 28
Kentville	1061	54870	585 56
Steam Mill	203	2615	42 79
Centreville	200	5802	64 84
Sheffield Mills	415	6478	95 45
N. Scotts Bay	208	3494	49 56
Lr. Pereaux	172	2082	35 30
Up. Pereaux	205	5093	60 45
Medford	186	5323	59 79
Habitant	208	4972	59 96
Canning	595	19599	209 34
Woodside	208	2734	44 22
Up. Canard	406	7602	102 25



Lr. Canard	416	11079	127	90			
Town Plot	198	3021	45	03			
Church St.	208	4358	55	65			
Up. Church St.	208	4668	57	83			
Port Williams	416	9442	116	39			
New Minas	207	2365	41	51			
Greenwich	208	5029	60	36			
Wolfville	1211	40296	428	94			
Black River	194	4127	52	34			
Gaspereau	416	7761	104	56			
L. Gaspereau	207	7911	80	50			
L. Horton	202	3902	51	71			
Avonport	204	7820	79	51			
Lockhartville	208	4315	55	35			
Islands	194	2493	40	84			
Bloomfield	208	5794	65	74			
Prospect	99	631	16	33			
Grand Pre	206	4970	59	71			
S. Scott's Bay	108	1331	22	34			
Mid. Pereaue	207	3249	47	72			
W. Black Rock	123	1556	25	73			
Tremont	208	3025	46	27			
White Rock	208	3612	50	39			
Rockland	208	1918	38	49			
Hants Border	207	7562	78	05			
S. Billtown	194	2261	39	21			
Horton Landing	206	3356	48	35			
Highbury	208	6069	67	67			
Kingsport	207	7427	77	10			
Windermere	208	1252	33	80			
Aylesford	207	5559	63	97			
*Lake George	72	647	19	82			
*Clermont	88	991	26	31			
*Morden	181½	3014	64	50			
*Fairview	207½	1277	50	88			
*Long Point	205	2443	62	72			
*Lakeview	204	1927	57	10			
*E. Black Rock	204	2469	62	81			
*Chipman Brook	81	827	23	34			
*W. Hall's Har.	201	1758	54	78			
*Blue Mountain	148	2372	51	69			
*Harbor Mt.	48	749	16	56			
*Baxter's Har.	198	3243	69	90			
*Pereaue Mt.	123	1845	41	66			
*Scott's Bay Rd.	192	2248	58	34			
*Davison St.	155	1231	40	92			
*Greenfield	184	2855	63	30			
*Pine Woods	119	2393	46	70			
*Woodlawn	200	1163	48	32			
*Up. Gaspereau	201	3413	72	22			
*Pleasant View	195	1293	48	80			
*Lake Paul	194	2217	58	36			
*S. Tremont	208	1320	51	42			
*Whitewater	178	954	42	16			
*Aylesford Mt.	167	1089	41	58			
*Garland	149	1124	38	72			
*Brooklyn W.	207½	3873	78	26			
*S. Waterville	207	1561	53	77			
BORDER SECTIONS.							
Kingston	208	2884	42	60			
Dalhousie	208	3433	47	12			
*Halfway River	103	330	18	49			
*Aldersville	135	458	12	44			
Dalhousie E.	178	1299	25	64			
LUNENBURG.							
School for Blind						360	00
Inst. for Deaf and Dumb						540	00
Lunenburg	2829	106190	1006	35			
1st Peninsula	201	4427	51	93			
2nd Peninsula	208	3702	48	22			
Upper Centre	203	3883	48	76			
Garden Lots	208	6950	68	60			
Blue Rocks	208	8000	75	20			
Black Rocks	207	6486	65	58			
Heckman's Is.	208	2638	41	05			
First South	378	11231	115	83			
Middle South	208	3533	47	16			
Feltzen South	208	3432	46	53			
Upper Rose Bay	208	7373	71	26			
Lower Rose Bay	208	4093	50	68			
Up. Kingsburg	142	2895	35	20			
Lr. Kingsburg	202	2985	43	00			
Riverport	615	16405	176	86			
Lr. La Have	177	3950	46	02			
Park's Creek	198	6412	63	99			
Mid. La Have	413	11930	124	50			
St. Matthew's	208	6728	67	21			
Summerside	414	11285	120	57			
Snyder's	208	4468	53	04			
North West	208	5284	58	15			
Fauxbourg	208	4535	53	42			
Wynacht's	190	1525	32	23			
Mader's Cove	208	8000	75	20			
Mahone Bay	1248	37888	387	75			
Oakland	191	8000	73	12			
Indian Point	205	8000	74	84			
Martin's River	203	8000	74	60			
Blockhouse	415	10720	117	14			
Lr. Cornwall	206	1880	36	56			
Mid. Cornwall	205	3945	49	39			
Up. Cornwall	208	3600	47	59			
Newburn	208	3967	49	89			
Parkdale	206	5528	59	44			
Maplewood	206	4661	54	00			
Farmington	208	5121	57	13			
Centreville	207	4685	54	28			
Stanbourne	208	3995	50	07			
S. Rosedale	208	6616	66	52			
N. Rosedale	205	8000	74	84			
Meisner's	208	2180	38	68			
North River	208	2854	42	90			
Riversdale	205	3820	48	61			
W. Northfield	208	4542	53	50			
Cookville	208	2752	42	27			
Maitland	201	3706	47	41			
Sweetland	158	2337	33	62			
Lr. Northfield	208	3025	43	08			
Up. Northfield	207	3608	47	52			
New Canada	203	3122	43	99			
Branch La Have	208	3166	44	86			
Branch Lower	208	4405	52	64			
Simpson's	208	5750	61	07			
Hemford	208	6184	63	80			
Branch Upper	208	6057	63	00			
Midville	208	4195	51	32			
Penny's	208	2585	41	22			
2nd Peninsula Lr	208	2957	43	55			
Tancook	411	14965	143	30			

Watford	208	3158	44	81
Clearland	207	5832	61	47
Bridgewater	1817	68331	647	17
Conquerall Bank	414	10052	112	83
Pleasantville	204	7458	71	32
Fralig's	208	7612	72	76
Pentz's	208	6565	66	19
Getson's	413	8842	105	12
West Dublin	416	10620	116	64
Bell's Island	103	1580	22	27
New Cumberl'd	208	5242	57	89
Mt. Pleasant	208	5180	57	50
Petite Riviere	412	8169	100	77
Broad Cove	201	4453	51	99
Cherry Hill	208	5066	56	80
Vogler's Cove W	205	4473	52	70
Crousetown	207	3892	49	30
New Italy	204	2794	42	04
Conquerall Mills	207	4913	55	70
Hebb's Mills	208	3632	47	78
Baker's Settlem.	181	6620	63	26
Newcombville	206	2815	42	42
Wileville	208	3632	47	78
Lakeville	207	1682	35	53
Chelsea Upper	208	3925	49	62
Chelsea Lower	208	5108	57	05
Eapland	205	4162	50	75
Waterloo	205	2225	38	60
Camperdown	192	3260	43	49
Nineveh	208	4020	50	22
Conquerall W	207	2906	43	11
Pine Grove	208	2563	41	08
Middleton	208	3586	47	50
Little Tancock	162	4555	48	01
East Dublin	207	6237	64	01
Herman's Island	208	960	31	02
Corkum's Island	207	1550	34	60
Vogler's Cove, E	136	1371	24	92
Bush's Island	182	2035	34	60
Union	201	3817	48	11
Ironbound	119	1012	20	63
*Oak Hill	208	2385	59	94
*Eastern Points	208	4015	75	13
*Big Lots	208	1334	50	04
*Cross Island	109	616	25	41
*Fancy's	189	840	41	93
*Indian Path	208	1738	53	85
*Lakeview	208	1208	49	09
*Up. Woodstock	192	2011	53	49
*Rose Bud	109	427	23	64
*Crouse's	203	2587	60	95
*Lr. Woodstock	158	1090	38	70
*Stanley	206	1920	55	04

BORDER SECTIONS.

Dalhousie, E.	208	300	3	00
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CHESTER.

Chester	829	3156.3	357	49
Chester, E.	208	7445	85	82
Marriott's Cove	206	7620	87	02
Chester Basin	413½	13648	161	18
Chester Grant	201½	1327	35	06

Charing Cross	206	6855	80	74
Mill Road	208	2757	47	52
Back of Lake	208	5018	66	00
Forties	204	5700	71	09
Gold River, N.	208	5697	71	54
Gold River, S.	206½	8000	90	18
Martin's Point	208	7587	86	98
Indian Point	157	2657	40	54
Blandford	208	6020	74	16
Bayswater	208	2360	44	28
Fox Point	208	8000	90	36
N. W. Cove	156	1910	34	32
Mill Cove	204	7307	84	22
Pine Plain	208	2104	42	19
Deep Cove	207	3065	49	91
*Windsor Road	208	2935	73	45
*Sherwood	184	1700	53	95
*Norwood	192½	1580	54	00
*Leville	201	1955	60	18

BORDER SECTIONS

*Aldersville	135	1930	43	29
*Mill Brook	204	465	12	28
*Mill Brook (for 1906)	108	253	8	28

PICTOU.

NORTH.

Pictou	2388	84160	1012	66
Carriboo River	199	2757	47	68
Toney River	179	2183	40	33
Seafoam	207	2354	45	17
Melville	202	1605	38	11
Cape John	202	3427	53	82
Hedgeville	208	3270	53	18
Marshville	208	4367	62	65
Louisville	207	3089	51	51
Mountain Road	199	2936	49	25
River John	617	16070	212	70
Hodson	201	2388	44	75
Bigney	204	3416	53	97
Welsford	194	2283	43	00
West Branch	204	5341	70	56
Diamond	208	2574	47	18
Dalhousie	166	1897	36	31
Millsville	167	1475	32	78
Elmfield	208	2150	43	53
Plainfield	208	4100	60	34
Meadowville	208	1940	41	73
Scotsburn	207	2250	44	28
Hardwood Hill	206	1000	33	38
Cross Roads	207	2643	47	67
Rogers Hill Cen.	198	3234	51	67
Six Mile Brook	208	2568	47	14
Brookland	183	1045	31	01
Salt Springs	208	2922	50	19
Up. Mt. Thom	123	1301	26	00
Lr. Mt. Thom	201	2446	45	35
Watervale	140	932	24	87
West River Sta.	208	2350	45	26

Gairloch	149	719	24	11
Lansdowne	206	2449	45	88
Mill Brook	201	2074	42	03
Loch Broom	205	1751	39	73
Pleasant Valley	195	2233	42	69
Lovat	150	530	22	60
Green Hill	206	3682	56	49
Lime Rock	203	1594	38	13
West River	203	3482	54	42
Durham	195	4260	60	16
Lyons Brook	411	7953	117	96
Scotch Hill	207	2111	43	07
Pictou Landing	208	6340	79	66
Indian School	185	2210	41	28
Central Carriboo	192	2544	45	01
Bay View	206	2818	49	05
Three Brooks	195	2762	47	25
Pictou Island	205	3290	52	99
Waterside	200	1769	39	29
Beech Hill	206	2530	46	57

SOUTH.

New Glasgow	3297	112100	1362	81
Alma	208	4016	59	62
Union Centre	201	2270	43	68
White Hill	206	3163	52	03
Marshdale	207	1207	35	26
Glengarry	206	3305	53	25
Lorne	208	3420	54	48
Hopewell	208	6050	77	15
Riverton	201	1520	37	26
Fox Brook	194	3164	50	60
Island	208	2280	44	65
Stellarton	1664	60450	721	20
Springville	207	5967	76	32
Bridgeville	416	8928	126	96
Glencoe	205	5000	67	74
Sunny Brae	205	6163	77	77
Blue Mountain	208	2310	44	92
Garden of Eden	168	1768	35	43
E. River, St. M.	200	3620	55	24
Elgin	208	1603	38	82
McPherson's M.	208	2496	45	99
Greenwood	203	4083	59	60
McLellan's Br'k	208	4490	63	70
Linacy	101	782	18	88
Churchville	208	3125	51	93
Trenton	829	26990	332	34
Abercrombie	197	2158	42	28
Chance Harbour	157	1205	29	25
Fraser's Mount.	204	1513	37	56
King's Head	208	2078	42	91
Pine Tree	206	1968	41	73
Sutherland's R.	208	1717	39	79
W. Merigomish	203	5512	71	91
Merigomish	208	3612	56	13
Piedmont	205	1735	39	59
Avondale	197	2407	44	43
Lr. Barney's R.	208	4800	66	38
Lismore	204	4200	60	72
Ardness	208	3796	57	72
Bailey's Brook	207	1277	35	88
Big Island	208	2290	44	74
Smithfield	208	3860	58	28

Kenzieville	202	1633	38	37
Broadway	134	1300	27	32
French River	207	1872	41	02
New Lairg	200	1770	39	29
Meiklefield	100	398	15	46
Little Harbour	208	3124	51	92
Rocklin	206	2576	46	96
Plymouth	207	3015	50	88
Up. Hopewell	203	1923	40	82
Wentworth Gr't	152	699	24	29
Barney's Riv. St.	207	2118	43	14
Westville	2655	105000	1124	42
Thorburn	609	22403	266	35
Centredale	192	1691	37	66
Eureka	416	10814	143	24
Newtown Border	.	274	2	35

POOR SECTIONS, NORTH PICTOU.

Poplar Hill	198	3565	66	43
Black River	208	2352	57	78
Loganville	149	1326	38	30
Sundridge	205	4512	75	85
Carriboo Island	208	2420	58	36

POOR SECTIONS, SOUTH PICTOU.

Blanchard	140	2422	46	13
Moose River	144	2107	44	13
Rocky Mount.	203	4948	79	25
Kirkmount	207	3078	63	85
Brookville	39	453	10	95
Marshy Hope	182	3246	60	79
Marsh	144	1643	40	13
Rossfield	48	498	12	97
Greenvale	200	2420	56	92
S. McLellan't Mt.	76	586	18	76
Woodfield	203	2450	57	72
Granton	105	1317	30	29
Mt. William	167	1766	45	32

QUEENS.

SOUTH.

School for Blind			90	00
Port Joli	205	4083	55	95
Port Mouton C.	204	5608	67	52
Port Mouton N.	208	5219	65	02
Hunt's Point	207	5929	70	35
Western Head	208	2005	40	38
Moose Harbor	208	1916	39	69
Liverpool	1623	59893	654	45
Milton	1037	28610	344	07
Brooklin	416	13300	152	00
Beach Meadows	205	6500	74	49
Eagle Head	208	4860	62	27
West Berlin	208	6400	74	08
Port Medway	612	10575	154	65
E. Port Medway	208	4485	59	38
Mill Village	415	15656	169	95
White Point	206	2395	43	12
Dock Cove	203	2840	46	17
Summerville	208	2583	44	80
S. W. Pt. Mouton	103	2750	33	46

POOR SECTIONS.			
St. Catherine R.	134	735	32 57
Port Mouton Is.	190	1113	46 98
Gull Island	184	2050	56 70
E. Pt. L'Herbert	190	1650	53 18
NORTH QUEENS.			
Pleasant River	207	5008	63 29
N. Brookfield	402	11657	137 64
Westfield	206	2642	45 01
Kempt	208	2017	40 46
W. Caledonia	151	1848	32 29
C. Caledonia	207	3184	49 29
Harmony	208	3300	50 31
Caledonia Cor.	408	10067	126 25
S. Brookfield	207	6176	72 23
Greenfield	202	4950	62 24
Buckfield	206	3236	49 58
Molega	206	3247	49 66
POOR SECTIONS.			
Hibernia	158	992	39 85
Middledale	151	923	37 79
LaBelle	191	2070	58 20
Bang's Falls	191	3116	70 23
BORDER SECTIONS.			
*Albany New	153		
New Grafton	208	2458	43 68
*Northfield	64	812	16 91
RICHMOND.			
Deaf and Dumb Inst.			360 00
Acadiaville	416	10289	152 55
Port Royal	207	6555	90 24
Janvrin's Island	185	3349	55 56
Arichat	624	13205	206 75
Poulamond	204	8000	104 28
Martinique	203	3502	59 32
D'Escousse	208	16000	184 52
Poirierville	177	5170	72 83
Cape La Ronde	200	3081	54 75
Rocky Bay	173	2706	47 77
Edwards	208	1872	43 66
Petit de Grat	204	5218	76 55
Petit de Grat, S.	172	5690	77 43
Orange	208	3296	57 86
Cape Auguet	186	3497	56 33
Louisdale	205	8000	104 40
Whiteside	134	1577	31 84
Basin	86	1685	27 12
Richmond Mines	204	3457	59 00
Port Richmond	61	844	15 75
Port Malcolm	186	3199	54 25
Sunnyside	158	2336	42 27
Point Tupper	208	5948	84 30
Hureauville	191	3523	58 09
Oban	208	2066	45 60
St. George's Ch.	208	3075	55 66
Lakeside	206	3380	58 46
Macdougall	623	19267	266 96
River Bourgeois	624	13939	214 06
Cannes	416	8775	137 50
Salmon River	208	2156	46 50
Soldier's Cove	208	4864	73 50
Red Islands	207	5520	79 90
Peter's Mount.	186	2618	48 47
Stirling	153	2174	40 08
Fourché	208	3102	55 89
Framboise	178	1949	40 84
Intervale	200	2600	49 96
St. Esprit	208	2940	54 31
L'Archeveque	206	2393	48 60
Grand River	208	3601	60 90
Grand Falls	207	2085	45 68
Point Micheau	208	997	34 95
Grand River Rd.	208	4265	71 48
Brymer	412	5499	104 30
L'Ardoise	416	10112	150 72
West L'Ardoise	39	2190	25 62
Rockdale	190	3699	59 70
Grand Greve	208	3493	59 80
POOR SECTIONS.			
*Lochside	93	568	25 20
*Grand Digue	191	1608	58 30
*Kempt Road	43	479	15 05
*Brae	48	566	18 12
*Balmoral	172	1025	46 27
*Seaview	208	1533	60 25
*Lynch's River	206	1367	57 40
*Macnab	208	2737	78 18
*W. L. Lomond	189	1556	57 18
*Aberdeen	104	999	33 65
*Loch Lomond	189	1700	59 10
*Lewis Cove Rd.	171	1492	53 07
BORDER SECTIONS.			
Cleveland	207	1984	38 28
Irish Cove	208	903	13 78
West Bay	205	544	9 37
SHELBURNE.			
Deaf and Dumb Inst.			180 00
School for Blind			360 00
Little P.			
L'Hebert	189	1041	26 85
Sable River	202	6724	51 00
W. Mid. Sable	197	3135	36 13
Louis Head	207	2734	35 74
Little Harbor	207	4816	44 03
Matthew's Pt.	123	936	18 53
Rockland	208	2804	36 14
Allendale	208	4566	43 14
Osborne	416	6115	74 30
Lockeport	832	22253	188 43
West Head	202	3689	38 94
Brighton	208	2972	36 81
E. Green Har.	182	3614	36 23
East Jordan	208	4602	43 29
Jordan River	412	8347	82 69
Up West Jordan	208	3068	37 26

Jordan Ferry	208	4224	41	78
Jordan Bay	206	2763	35	74
Lr. Sandy Point	203	6840	51	58
Sandy Point	203	3004	36	34
Shelburne	1213	35143	285	47
Lower Ohio	208	4252	41	89
Middle Ohio	208	1754	31	97
Upper Ohio	198	1727	30	65
Upper Clyde	208	1686	31	70
Port Saxon	206	2966	36	53
North E. Harbor	208	2477	34	84
Black Point	207	4379	42	29
Roseway	208	3209	37	75
Gunning Cove	205	4594	42	89
Churchover	208	3199	37	71
Birchtown	208	5062	45	11
*B. Pt. L'Hebert	107	353	21	39
*E. Sable River	207	2625	52	97
*W. Green Har.	208	5635	71	12
*McNutt's Isl'd	154	1057	34	09

BORDER SECTIONS.

Clyde River	205	2540	23	75
*Middle Clyde	132	326	12	93

BARRINGTON.

Inst. for Deaf and Dumb			270	00
School for the Blind			90	00
Port Clyde	206	3375	45	29
Cape Negro	207	3970	49	03
Blanche	207	2065	37	44
Up. Pt. La Tour	208	4170	50	39
Port La Tour	409	6539	88	93
Baccaro	415½	8421	101	17
Hibbard's Br'k	208	5340	57	51
Barrington H'd	412	9938	109	98
Barrington Pass.	413	11291	118	33
Doctor's Cove	205	4407	51	45
Bear Point	203	7301	68	83
Shag Harbor	207	5784	60	07
Lr. Wood's Har.	730	23727	232	15
Up. Wood's Hr	206½	7911	72	95
Forbes' Point	208	3848	48	42
Charlesville	208	5049	55	73
Centreville	204	7314	69	02
Newellton	415	4190	75	34
Clark's Harbor	1227½	33288	350	05
Hawk Point	198	4673	52	21
South Side	204	8282	74	91
Stoney Island	416	10884	116	25
*Cape Negro Is.	203	2656	60	82
*Villagedale	207	1856	54	23
*Oak Park	175½	1659	46	73

BORDER SECTIONS.

*Middle Clyde	132	382	16	31
Clyde River	205	2045	37	06

VICTORIA.

Baddeck	827	26359	397	63
Nyanza	208	2400	52	15

Baddeck Bridge	208	3044	59	44
Baddeck Forks	201	2156	48	55
Baddeck Cen.	200	3364	62	10
Hunter's Mt.	200	2913	57	00
W. Middle River	208	2955	58	43
Church	208	3043	59	43
McLennan's	208	2037	48	05
Up. Middle Riv.	208	1793	45	29
St. Pat'ks Chan.	169	1395	36	09
Grant	201	3276	61	22
Iona	206	6397	97	13
Barra Glen	208	5745	90	00
McKinnon's H.	208	4831	79	66
Baddeck Bay	203	2656	54	45
Plaister Mines	208	2831	57	03
South Gut	208	5993	92	80
Englishtown	208	4154	72	00
Indian Brook	168	2930	53	34
French River	208	6240	95	60
S. Ingonish	206	4360	74	09
Clyburn's Brook	208	5051	82	15
East Ingonish	206	2434	52	30
Neil's Harbour	406	8302	142	73
Middle Ridge	197	4513	74	74
Dingwall	206	5679	89	01
Sugar Loaf	208	5923	92	02
Bay St. Lawr'ce	208	6924	103	34
Tarbert	164	1970	42	00
North River	191	3196	59	12
Murray	113	1109	26	13
Goose Cove	205	2774	56	03
Cape Dauphin	208	4268	73	29
Big Bras d'Or	207	3414	63	51
Boulardarie, E.	208	2386	52	00
Boulardarie Cen.	181	1936	43	66
Munro	208	1542	42	45
Kempt Head	208	5144	83	20
Island Point	206	1978	47	14

POOR SECTIONS.

Little Narrows	197	1714	64	60
Up. Washabuck	208	2917	87	00
Rear Upper				
Washabuck	197	1168	55	33
Lr. Washabuck	122	2055	56	88
Estmere	206	2635	81	86
Big Hill	202	2681	81	92
North Smokey	208	2907	86	83
North Gut	203	1524	62	46
Jubilee	62	420	18	31
Wreck Cove	172	4331	104	51

YARMOUTH.

Inst. for Deaf and Dumb			90	00
School for the Blind			180	00
Arcadia	404	9216	111	57
Cen. Chebogoue	208	3520	49	07
Rockville	176	5606	59	48
Sand Beach	205	6276	67	55
Yarmouth	6289	203177	2144	99
Overton	203	3457	48	04
S. Chegoggin	208	5095	59	84
Pembroke	412	7551	101	15



PROVINCIAL AID

To Teachers employed in the Public Schools for the half year ended July 31, 1907.

The Asterisk (\*) marks those employed in Poor Sections

	Number of Teaching Days employed.	Am't paid to Teachers from Provincial Treasury
ANNAPOLIS.		
Bishop, Mabel E.	102	78 24
Magee, Wm. H.	102	91 28
Ruggles, Lenfest	103	92 19
Armstrong, Mildred J.	103	52 67
Balcom, Irene C.	93	47 55
Baltzer, Ivy M.	103	52 67
Banks, Beriah S.	102	52 16
Bent, Reginald W.	55 <sup>1</sup> / <sub>2</sub>	28 38
Bligh, Alice H.	102	52 16
Brinton, Effie S.	103	52 67
Bustin, Harry L.	103	52 67
Chisholm, Hattie E.	103	52 67
Chute, Maude L.	103	52 67
Cossett, Otto VonB.	103	52 67
Crisp, Wm. R.	103	52 67
Dodge, Bessie M.	103	52 67
Durling, Aubrey D.	34	17 38
Durling, Ina	56	28 64
Eaton, Ethel M.	103	52 67
Etter, Jamesina	102	52 16
Etter, Margaret	103	52 67
FitzRandolph, Mary F.	102	52 16
Foster, Mayhew C.	103	52 67
Foster, Mayhew C.	102	52 16
Graves, Eva M.	103	52 67
Halliday, Frank N.	101	51 65
Harris, C. Louise	101	51 65
Harris, Margaret M.	73	37 32
Hockin, Elsie N.	51	26 08
Martel, Katherine H.	103	52 67
McGill George B.	102	91 28
" " first half year	88	09
McMillan, Alice	103	52 67
Moses, Winnifred	102	52 16
Oxley Gertrude O.	102	52 16
Smith, Vera M.	103	52 67
Spinney, Theodore H.	103	52 67
Sutherland, Lillian M.	30	15 34
VanBuskirk, John L.	103	52 67
Walker, Charlotte E.	103	52 67
Whitman, Cassie S.	103	52 67
Whitman, Laura M.	103	52 67
Young, Lottie M.	100	51 14
Annis, Bessie M.	101	38 73
Bacon, Agnes S.	103	39 50

Baker, Ermina M.	103	39 50
Baker, Kate A.	95	36 43
Banks, Almeda M.	103	39 50
Bent, Lillian B.	103	39 50
Bent, Lillie M.	93	35 66
Berteaux, A. Josephine	100	38 35
Berteaux, Lizzie A.	103	39 50
Bishop, Annetta C.	103	39 50
Brown, Mary McL.	103	39 50
Buckler, Emily J.	103	39 50
Buckler, Ida M.	88	33 74
Chesley, Ella M.	103	39 50
Daniels, Clara A.	103	39 50
Durling, Edna	103	39 50
Ellis, Florence M.	103	39 50
Gesner, Ann E.	72	27 61
Hall, Elsie N.	103	39 50
Harris, Ethel M.	103	39 50
Harris, Mary H.	103	39 50
Healy, Bertha A	103	39 50
Hoyt, Winnifred	103	39 50
Jackson, Annie L.	103	39 50
Kempton, Susie W.	103	39 50
Lambertson, Nora M.	102	39 11
Lockward, Grace E.	103	39 50
McCormick, Albert E.	103	39 50
Mills, Hattie G.	77	29 52
Morse, Nellie C.	103	39 50
Palfrey, Olive B.	103	39 55
Parker, Millie V.	100	38 30
Phinney, Lillie L.	14	5 36
Phinney, Mary S.	84	32 21
Porter, A. Maude	44	16 88
Purdy, Ethel M.	30	11 50
Raymond, Vera H.	103	39 50
Ritcey, Adelaide M.	103	39 50
Ritcey, Mae T.	103	39 50
Roy, Maude E.	103	39 50
Ruggles, Blanche A.	39	14 95
Ruggles, Florence L.	102	39 11
Starratt, Beatrice	102	39 11
Sutherland, Lillian M.	73	27 99
Tanch, Hannah E.	103	39 50
Tibert, Walton K.	103	39 50
Webster, Grace C.	103	39 50
Young, A. Maude	103	39 50
Young, Isabelle H.	102	39 11
Anderson, Eunice M.	103	26 34
Annis, Vivian A.	103	26 34
Baker, Hallie J.	103	26 34
*Balcom, Roy I.	103	35 11
*Berteaux, Amy E.	73	24 87
*Berry, Ella M.	100	34 09
*Caldwell, Lola I.	49	16 69
*Crisp, Mary L.	103	35 11
Croscup, Jennie A.	103	26 34
*Elliott, Ora B.	103	35 11
*Fairn, Bessie C.	103	35 11
Farnsworth, Percival W.	103	39 50
Foster, Laura W.	103	26 34
Gesner, Annie I.	103	26 34
Gesner, Edw. D.	103	26 34
Hains, Eva E.	35	8 94
Halliday, Isatah	103	26 34
*Harris, Lucy E.	103	35 11

Kennedy, Eva B.	64	16	36
Lent, Georgie A.	102	26	08
Longley, Annie M.	103	26	34
Marshall, Ida M.	102	26	08
McLean, Minnie, B.	103	26	34
McNeily, Wm. H.	103	26	34
*Meisner, Hilda A.	102	34	77
Millner, G. Evelyn	92	23	51
*Millner, Gratia J.	68	23	17
Munro, Annie M.	103	26	34
Parker, Lillian B.	83	21	21
*Rosengren, Bertha E.	104	35	45
*Schaffner, Etta L.	96	32	72
Speakman, Flora G.	103	26	34
Stark, Hattie L.	103	26	34
*Troop, Alice M.	103	35	11
*Troop, Bessie L.	70	23	85
VanTassel, Bertha S.	103	26	34
Wheelock, Mildred E.	103	26	34
*White, Susie	33	11	14
Wilkins, Hattie E.	103	26	34
*Wilkins, Margaret	103	35	11
Wilson, Erna M.	101	25	82
Winchester, Ruth H.	103	26	34
Woodbury, Harold C.	103	26	34
Woodward, Lola M.	103	26	34

## ANNUITANTS.

Samuel C. Shaffner	150	00
Helen A. Vidito	107	17
Alfred D. Brown	107	17

## ANTIGONISH.

McGillivray, Andrew	75	57	51
McPherson, Hugh	76	68	50
Tompkins, James J.	75	57	51
Sister St. Thomas des Anges	103	65	85
Boyd, Angus J.	103	52	67
Gillis, D. McK.	103	52	67
Inglis, Robert E.	53	27	10
McKenzie, Donald J.	100	51	14
McLean, William	103	52	67
McLeod, Annie E.	103	52	67
Newcomb, Laura A.	103	52	67
Somers, Alex. M.	103	52	67
Sister St. Leonard	103	52	67
Sister M. Victoire	103	52	67
Cameron, Mary C.	102	39	11
Cameron, William D.	103	39	50
Chisholm, Mary A.	103	39	50
" Bessie C.	103	39	50
" Cassie	103	39	50
" Christina	102	39	11
Courteen, Violet	99	37	96
Creelman, Minerva	103	39	50
Decoste, Joseph	103	39	50
Leyden, Catherine	103	39	50
McCarthy, Mary E.	103	39	50
Macdonald, Mary C.	103	39	50
" Margaret A.	103	39	50
" Rachel	102	39	11
" Theresa	103	39	50
" Allan	97	37	19

McEachern, Ethel	31	11	89
McGillivray, Kate A.	100	38	35
McIsaac, Agnes	103	39	50
McKeough, Anna	103	39	50
McKenzie, Gertrude	101	38	73
McLean, Dan. A.	102	39	11
McMillan, Mary Jane	103	39	50
McNeil, Margaret	90	34	51
McNeil, Daniel	103	39	50
McPherson, John A.	42	16	10
Rogers, William J.	103	39	50
Sutton, Catherine E.	101	38	73
Sister M. Veronica	103	39	50
Sister Mary	103	39	50
Sister St. Hugh	103	39	50
Sister St. Camillus	103	39	50
Walsh, Mary	103	39	50
Chisholm, Mary	103	26	34
" Isabel A.	103	26	34
*Campbell, Mary A.	83	28	29
" " last term	86	29	31
Crispo, Evelyn	43	11	00
Fitzgerald, Annie	103	26	34
Fraser, William	103	26	34
Gillis, Sarah B.	103	26	34
*Gillis, Augusta J.	45	15	33
Hanifen, Margaret M.	99	25	31
Levandier, Vincent D.	103	26	34
*Martini, Ellen	103	35	11
Macdonald, Annie J.	103	26	34
" Cassie	103	26	34
" Marcella	100	25	57
Macdougall, Annie	103	26	34
McEachern, Mary E.	103	26	34
McGillivray, Mary	103	26	34
" Margaret	103	26	34
" Bessie	103	26	34
" Margaret A.	90	23	00
" Mary A.	103	26	34
*McInnis, Cassie M.	103	35	11
McIntosh, Gertrude	102	26	08
McKeough, Bella	103	26	34
McKeough, Alphonse A.	99	25	31
McKinnon, Mary Agnes	97	24	79
McLean, Mary Belle	103	35	11
McPhee, Mabel	102	26	08
Purcell, Margaret E.	103	26	34
Smith, Christina	103	26	34
Stropel, Florence H.	103	26	34
Sister St. Helen	103	26	34
Sister St. Thomas	103	26	34
"Saltsprings" Consolidated	102	26	08
"Lower W. River"	102	26	08

## ASSISTANTS.

Connolly, Cornelius	76	25	91
Beaton, Ronald	75	19	17

## ANNUITANTS.

Gillis, Angus	107	17
McGillivray, Andrew	107	17
Boyd, Angus A.	80	37
Bonin, John B.	80	37
Fraser, William	80	37
Macdonald, Donald	53	59



CAPE BRETON.

Armstrong, J. Arthur	102	91	28
Brodie, William S.	101	90	37
Davidson, Milton DeL.	103	92	19
England, Harry E.	102	91	28
McKenzie, George W.	102	91	28
MacLeod, Jeanette R.	103	65	85
Matheson, Duncan M.	101	77	46
Stewart, Frank I.	102	78	24
Bates, Mack	20	10	22
Bishop, Emma E.	101	51	65
Boss, Maud Odell	101	51	65
Bown, Eleanor F.	101	51	65
Bruce, Harriet S.	100	51	14
Cameron, Lorrie J.	103	52	67
Campbell, Mildred A.	100	51	14
Chisholm, Nellie	103	52	67
Edgecombe, Ethel L.	102	52	16
Gillis, Maude	43	21	98
Grant, Ethel Mary	101	51	65
Grant, Lina	101	51	65
Gunn, Annie	103	52	67
Hall, Carrie Maria	98	50	11
Hall, Henry E.	78	39	88
Haverstock, Wm. Ernest	103	52	67
Herdman, William C.	103	52	67
Lawley, James H.	103	52	67
McDougall, John	103	52	67
McDougall, Margaret F.	59	30	17
McGillivray, Angus	80	40	91
MacInnes, Duncan	103	52	67
Macintosh, Anna B.	102	52	16
MacKenzie, Anna B.	102	52	16
McKenzie, Kate A.	84	42	95
McKinnon, Joseph D.	101	51	65
MacKinnon, Mary	102	52	16
McLean, Christena	102	52	16
MacPhee, Loretta I.	103	52	67
Miller, Bessie G.	100	51	14
Munn, Nina A.	98	50	11
Ross, Kathleen Ida	53	27	10
Sister Francis Xavier	103	52	67
" M. Agnita	102	52	16
" " Amabilis	101	51	65
" " Annette	102	52	16
" " Aquinas	103	52	67
" " Clarissa	103	52	67
" " Cleophas	102	52	16
" " Gerard	102	52	16
" " Josita	102	52	16
" " Lawrence	102	52	16
" " Vincentine	102	52	16
" St. John	87	44	49
" " Margaret	102	52	16
" " Mary (Asc.)	103	52	67
" Teresa Joseph	102	52	16
Smith, Mamie K.	103	52	67
Sutherland, Mary	100	51	14
Thurber, Ronald E.	103	52	67
Tompkins, Matthew F.	102	52	16
Woodill, Arthur W.	102	52	16
Arsenault, Mary Teresa	103	39	50
Barclay, Winnifred	100	38	35
Barrington, Harriet H.	100	38	35

Boutilier, Theresa	103	39	50
Brison, Eliza P.	48	18	41
Browne, Bernice I.	101	38	73
Buckles, Sarah	102	39	11
Burke, Helena B.	101	38	73
Calder, Allister	39	14	95
Cameron, Annie	102	39	11
Cameron, Laura	101	38	73
Chisholm, Christena A.	103	39	50
Clark, Wilhelmina	102	39	11
Coady, Moses J.	102	39	11
Coady, Peter W.	93	35	66
Cousins, Leah	103	39	50
Cox, Josephine	100	38	35
Currie, Donald J.	93	35	66
Desmond, Mary M.	102	39	11
Dobson, William A.	102	39	11
Douglas, Fred. A.	100	38	35
Doyle, Agnes Claire	103	39	50
Fife, Annie May	98	37	58
Flynn, Sadie	103	39	50
Fraser, Lulu	98	37	58
Fulton, Edith Irene	102	39	11
Gillis, Margaret	99	37	96
Graham, Bessie F.	102	39	11
Graham, Bessie F. last term		11	15
Grattan, A. Myrtle	102	39	11
Greig, Ida H.	98	37	58
Hamilton, Agnes E.	99	37	96
Hanrahan, Mary	102	39	11
Harrington, Annie E.	102	39	11
Harris, Gladys E.	102	39	11
Hartigan, Katherine L.	103	39	50
Herman, Edith M.	103	39	50
Holmes, Katie M.	103	39	50
Howatson, Jessie	103	39	50
Knowlton, Edith	101	38	73
Lawrence, Mary G.	103	39	50
Leslie, Alfreda M.	103	39	50
Leonard, Isabel M.	102	39	11
MacAulay, Jessie	103	39	50
MacCabe, Georgie	102	39	11
MacCabe, Grace M.	103	39	50
Macdonald, Agnes C.	92	35	28
Macdonald, Catherine A.	103	39	50
Macdonald, Ethel May	102	39	11
Macdonald, Flora	18	6	90
MacDonald, Jean F.	101	38	73
Macdonald, Nellie	102	39	11
Macdonnell, Theresa	102	39	11
Macdougall, Daniel J.	103	39	50
MacInnis, Dorothea J.	102	39	11
McIntyre, Matilda	102	39	11
McIsaac, D. Joseph	102	39	11
East Bay Consolidation, 3 D. 102 days		78	24
MacIsaac, Mary J.	102	39	11
McKenzie, Archibald J.	103	39	50
McKeough, William T.	102	39	11
McKinnon, John J.	103	39	50
MacKinnon, Katie	102	39	11
MacLean, Jean	17	6	51
McLeod, Cecilia J.	100	38	35
MacNeil, Katie	102	39	11
McNeil, Mary Jane	103	39	50



Davidson, Clara (rur. sci.)	102	65	20
"    " first half year		12	98
Deane, Bertha F.	103	52	67
Dickson, Janet R.	103	52	67
Dickson, Hattie	102	52	16
Edwards, Elizabeth	102	52	16
Faulkner, Aveline	103	52	67
Fellows, Annie	102	52	16
Hunter, Jennie	102	52	16
Kinney, Julia	102	52	16
Linton, Edith	102	52	16
Logan, Sadie B.	70	35	79
McCully, Mary	102	52	16
McCurdy, Mary Ruth	103	52	67
McInnis, Katherine	103	52	67
McInnis, Lenora	102	52	16
McIntosh, Gertrude	102	52	16
McKenzie, Maud Emma	103	52	67
McKenzie, Georgie	103	52	67
McKenzie, Minnie	102	52	16
McPherson, Margaret	102	52	16
Nelson, Eda	97	49	60
Patterson, H. S.	63	32	21
Reid, Alice C.	82	41	93
Young, I. Rhena	103	52	67
Archibald, Janet	102	39	11
Archibald, Irene	103	39	50
Barnhill, Maggie G.	102½	39	30
Bradley, Annie E.	103	39	50
Brenton, Ethel	103	39	50
Brenton, Alma	103	39	50
Colter, Susan E.	103	39	50
Creelman, Agnes	102	39	11
Crocker, Nellie F.	85	32	59
Crowe, Susan A.	103	39	50
Currie, Jennie S.	103	39	50
Dalrymple, Lucy M.	102	39	11
Davis, D. G.	102	39	11
Fisk, Mabel	103	39	50
Grant, Etta	103	39	50
Gunn, Ida	103	39	50
Hamilton, Janet	102	39	11
Harvey, Jessie	96	36	81
Hutchinson, Grace	103	39	50
Johnson, Lizzie M.	103	39	50
Lightbody, Ina B.	103	39	50
Lindsay, Olla M.	103	39	50
Loughead, Mary E.	102	39	11
McKim, Agnes	100	38	35
McKim, Tina May	97	37	19
MacLeod, Jean M.	102	39	11
Morash, Georgina B.	88	33	74
Nelson, Annie M.	30	87	30
Patterson, Sara B.	80½	39	11
Reid, Marion	102	39	11
Reid, Emma C.	103	39	50
Rogers, Sadie	99	37	96
Taylor, Mary E.	103	39	50
Thompson, Mabel E.	103	39	50
Archibald, Alice Mary	102	39	11
Archibald, Prescott	103	26	34
*Bates, Edwina	102	34	77
Cottle, Hannah	103	26	34
Creelman, Deane	71	18	15
Crowe, Tressie M.	103	26	34

*Lynds, Bessie	103	35	11
*McCulloch, Janie	62½	21	30
McCurdy, Mary	82	20	96
*McKay, Margaret	76	25	89
*McNutt, Bessie	103	35	11
Morgan, Lizzie	102	26	08
Murray, Martha	101	25	82
Sibley, Florence	103	26	34
Tays, Gertrude H.	102	26	08
*Wilson, Ada E.	96	32	72

ANNUITANT.

Calkin, James B.	150	00	
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WEST.

Creelman, Minnie	103	52	67
Forbes, A. K.	103	52	67
Fulton, Marion	70	35	79
Lank, Annie C.	102	52	16
Lewis, Agnes DeL.	103	52	67
Lockhart, Lillian	103	52	67
Shepherdson, G. A.	103	52	67
Spencer, Agnes (Rur. Sci.)	103	79	02
Crowe, Jennie D.	102	26	08
Chisholm, Cynthia	15	3	83
*Gourley, Lizzie	88	30	00
*Graham, Sadie	102	34	77
Higgins, Lida M.	58	14	82
Hopkins, Effie R.	103	26	34
Kelley, Marion E.	103	26	34
"    " Last half year		27	25
Starritt, Linda	103	52	67
Titus, C. G.	103	52	67
Chisholm, Annie L.	103	39	50
Davis, Percy	33	12	65
Fullmore, Della M.	64	24	54
Fulton, Edna May	103	39	50
Fulton, Sarah Jane	97	37	19
Fulton, Susie	103	39	50
Hutchinson, Esther M.	102	39	11
Lawrence, Harriett	101	38	73
Morrison, Ida M.	102	39	11
Patterson, Collie	103	39	50
Ryan, Irena	103	39	50
Smith, Marion	103	39	50
Smith, Ada E.	92	35	28
"    " Last half year		4	67
Smith, Margaret J.	101	38	73
Totten, Bertha	103	39	50
Wilson, Zella	100	38	35
*Beckwith, Florence	103	35	11
Boyd, Grace	97	24	79
Berry, Ethel M.	102	26	08
Craig, J. Violet	100	25	57
Fulton, Minnie E.	103	26	34
Fulton, Beatrice O.	101	25	82
Graham, Jessie M.	103	26	34
Johnson, Cassie E.	92	23	15
Patriquin, Bertha M.	100	25	57
Schurman, Annie E.	102	26	08
Starritt, Lucy G.	101	25	82
Urquhart, Jessie May	103	26	34
Withrow, Annie G.	103	26	34

*Wilson, Cassie	103	35	11
Great Village Consolidation	103	26	34
" " " Last hlf y'r		27	25

## STIRLING.

Davidson, L. F.	101½	51	90
Langille, Annie	95	48	58
McLeod, Mary	38½	19	67
Bryden, Margaret	99	37	96
Christie, Ida	9	3	45
Clarke, Agnes	100½	38	54
Drysdale, Carrie	103	39	50
Langille, Annie M.	102	39	11
McKay, A. Olivia	102	39	11
McLandress, Elizabeth	103	39	50
Reid, Edna E.	103	39	50
Baillie, Christina	103	26	34
Dobson, Mary B.	93	23	77
Drysdale, Janet R.	89	22	74
Ferguson, Maria	102	26	08
*Langille, Douglas	59	20	10
Lynds, Bertha	93	23	77
Marshall, Margaret	101	25	82
Mattatall, Lottie	103	26	34
Mingo, Edith	76	19	43
McEachern, Lydia	102	26	08
McLeod, Janie E.	103	26	34
McLeod, Christina	103	26	34
*McLeod, Jessie Ann	103	35	11
*Nelson, Clara B.	99	33	74
Slade, Fannie	90	23	00
Smith, Ina I.	99	25	31
Sutherland, Tina	103	26	34
Weatherby, Stella May	88	22	49
*Wright, Johanna	103	35	11

## CUMBERLAND.

Astbury, John S.	98	50	11
Lay, E. J.	99	88	58
Robinson, Ernest	100	76	71
Spinney, F. H.	103	92	19
Stevens, Josephine H.	102	78	24
Anderson, Pearl A.	103	52	67
Angus, Edgar J.	58	29	66
Atkinson, Blanche	101	51	65
Baird, Elizabeth	102	52	16
Beaton, Katharine	64	32	72
Bigney, Anna	100	51	14
Clarke, Harry G.	103	52	67
Charman, Mary E.	98	50	11
Conway, Isabella	39	19	93
Cooper, Ina	103	52	67
D'Entremont, L. A.	103	52	67
Elliott, Jane	103	52	67
Fitchett, Annie	100	51	14
Gorden, Sadie, J.	101	51	65
Hockin, Lavina	102	52	16
Kent, Fannie	103	52	67
Laurence, Jennie	69	35	28
Lay, Jean	102	52	16
Lent, F. I.	103	52	67

Love, Rachel P.	102	52	16
McDowell, Mabel L.	103	52	67
McKay, Katharine	80	40	91
McKim, Mina	102	52	16
McKenzie, Annie J.	103	52	67
Mitchell, Jennie	54	27	62
Morehouse, F. G.	103	52	67
Murray, Annie G.	103	52	67
Paul, Carrie	103	52	67
Peppard, Ruth R.	103	52	67
Roney, Effie	103	52	67
Ross, Isadore, E.	89	45	51
Shortcliffe, D. I.	103	52	67
Swift, Alice	103	52	67
Siefert, Maudena	103	52	67
Webb, Hattie	103	52	67
Archibald, Josephine	102	39	11
Atkinson, Helen	103	39	50
Atkinson, Janie	102	39	11
Benjamin, May	103	39	50
Bigney, Bessie	100	38	35
Brownell, Mamie A.	103	39	50
Brownell, Irene	103	39	50
Brundage, Kate	102	39	11
Burden, Isabella A.	103	39	50
Cameron, Blanche	103	39	50
Chapman Myra	99	37	96
Charman, Eliza G.	103	39	50
Clarke, A. M.	103	39	50
Clay, Madeline	103	39	50
Coates, Clara	102	39	11
Collins, Susie R.	101	38	73
Coulter, Christina S.	103	39	50
Craig, Muriel E.	102	39	11
Creelman, Jean	102	39	11
DeMings, Emma	101	38	73
Dench, Carolina S.	103	39	50
Dewar, Effie	102	39	11
Donkin, Gertrude	102	39	11
Douglas, H. G.	103	39	50
Elliott, Ida W.	91	34	89
Embree, Sara	102	39	11
Fisher, Susie	102	39	11
Frame, Annie	20	7	67
Fraser, Margaret	103	39	50
Fullerton, Minnie A.	102½	39	30
Gaetz, Wilhelmina	102	39	11
Graham, Addie R.	103	39	50
Grant, Lena J.	103	39	50
Grant, Margaret	103	39	50
Graham, Alice E.	103	39	50
Gray, Alice E.	103	39	50
Goodwin, O.	103	39	50
Harrison, Edna N.	103	39	50
Harrison, Erma	103	39	50
Harrison, Kate B.	102	39	11
Henley, Thressa	102	39	11
Hunter, Gussie	103	39	50
Hutchinson, M. Grace	102	39	11
Huston, Mary A.	100	38	35
Johnson, Lucy	103	39	50
Jones, A. W.	102	39	11
Kennedy, Myrtle	101	38	73
Lindsay, Cora	102	39	11
Lindsay, Lizzie	102	39	11

Logan, Lou E.	103	39	50
Mattinson, Flora	101	38	73
McDonald, Hilda	101	38	73
McIntosh, Elsie	98	37	58
McIntosh, Jessie B.	102	39	11
McKenzie, Amelia H.	102	39	11
McLeod, Bessie	53	20	32
McVicar, J. E.	102	39	11
Mitchell, Annie	103	39	50
Mitchell, Jessie M.	103	39	50
Murdock, Jennie	102	39	11
Nelson, Nancy	103	39	50
O'Brien, Della	103	39	50
O'Brien, Margaret	103	39	50
Orr, Jane	103	39	50
Porteous, Annie J.	8	3	06
Portier, M. A.	103	39	50
Roach, Lena	103	39	50
Robertson, Annie	103	39	50
Ross, Bessie V.	103	39	50
Shiple, Mary	103	39	50
Simpson, Susie	102	39	11
Sproule, Lottie	103	39	50
Sproule, Essie	101	38	73
Stewart, Helena	103	39	50
Stewart, Annie A.	49	18	79
Stiles, Edna	103	39	50
Thompson, Fannie	100½	38	54
Thompson, Ella M.	99	37	96
Trenholm, Ruth	102	39	11
Trerice, S. B.	103	39	50
Trerice, Ruth	101	38	73
Tuttle, Florence L.	103	39	50
Vance, S. C.	103	39	50
Baillie, Mary J.	94	24	02
Baird, Alda C.	102	26	08
Baker, Leila V.	95½	24	41
Beebe, Gertrude B.	87	22	23
Bigney, Blanche	77	19	68
Boomer, Ethel M.	102	26	08
Boomer, E. Grace	103	26	34
Burns, Lillian A.	102	26	08
Callighan, Minnie	103	26	34
Cameron, Maude S.	103	26	34
Chapman, Margaret	99	25	31
Craig, Jean E.	103	35	11
Davis, Reta F.	103	26	34
Dench, Susie	102	26	08
Dickson, Winnifred	102	26	08
Dixon, Elva M.	103	35	11
Dobson, Lizzie	61	15	59
Gample, Ruth	103	26	34
Gordon, Evelyn	90	23	00
Grant, Anna	102	26	08
Harrison, Maud M.	103	26	34
Henderson, Emma	103	26	34
Henderson, Janetta	41	13	97
Hight, Grace	102	26	08
Hurd, Clara E.	102	26	08
King, Bertha E.	97	24	79
Johnson, M. Laura	93	31	70
Johnson, Susanna W.	100	25	57
Johnson, Edith	90	23	00
Lindsay, Susie	102	26	08
Mattinson, Ivey	103	26	34

McDonald, Elah	102	26	08
McEachren, Janie	92	23	51
*McEachren, Margaret	103	35	11
McKay, Ida M.	103	26	34
McLean, Pamela M.	94	24	02
*McManaman, Flossie	65	22	15
Mitchell, Jennie L.	102	26	08
*O'Brien, B. M.	103	35	11
Patten, Anna A.	101	25	82
*Purdy, Pearl	103	35	11
Quinn, Dora Mae	102	26	08
Roach, Bessie	100	25	57
*Robertson, Marguerite	103	35	11
Shiple, Lottie	103	26	34
Simpson, Margaret	101	25	82
*Slade, Almira	100	34	09
Stromberg, Annie	103	26	34
Sutherland, Katharine	103	26	34
*Taylor, Elva M.	101½	34	60
Taylor, Florence	97	24	79
*Thompson, Jennie	103	35	11
Weir, Minnie	102	26	08
Woodland, Hattie E.	102	26	08
Woodland, Minnie	103	26	34

PARRSBORO.

Farrel, Mary	103	52	67
Lyons, Nellie B.	103	65	85
McDonald, J. Crerar	103	92	19
Dyas, Katherine	103	52	67
Glennie, Emma	103	52	67
Lavers, Josephine	102½	52	41
Leitch, Holly	103	52	67
Mortimer, J. Wallace	103	52	67
O'Mullen, Mary	103	52	67
Reid, Chas. E.	103	52	67
Swanson, Peter	62	31	70
Watson, Lillian	103	52	67
Ballantyne, Susan	103	39	50
Dickinson, Maude	103	39	50
Dorman, Alice	103	39	50
Johnson, Arthur	26	9	97
Johnson, L. J.	102	39	11
Kent, Lillian	103	39	50
Kerr, Minnie	103	39	50
Knowlton, A. Gertrude	103	39	50
Lockhart, Annie J.	103	39	50
McLean, Viola B.	99	37	96
Munroe, Alberta M.	103	39	50
Oxley, Annie	103	39	50
Reid, Antoinette W	103	39	50
Ward, Cora B.	103	39	50
Beaton, Mary E	102½	26	21
Cameron, Mary	103	26	34
Davidson, Bertha	99	25	31
Farrel, Annie	100	25	57
Fullerton, Eva L.	101	25	82
Gilbert, Pearl	78	19	94
Johnson, Lulu H.	101	25	82
McMillan, Sadie	97	24	79
Roberts, Minnie C.	59	15	18
Robertson, Alice A.	97	24	79
*Salter, Vivien	101½	34	60
Slater, Sadie E.	103	26	34

*Sutherland, Bessie	102½	34	94
Spencer's Island Consolidation		53	59
Wentworth	"	53	59

## DIGBY.

Morton, Rupert F.	103	92	19
Pothier, Andre G.	103	52	67
Bancroft, George R.	103	52	67
Banks, Wilford E.	103	52	67
Belliveau, Catherine	103	52	67
Best, Ella N.	98	50	11
Comeau, J. Willie	101	51	65
D'Eon, Stillman L.	103	52	67
Elliott, S. E. Primrose	103	52	67
Frost, Myrtle B.	53	27	10
Hogg, Augusta A.	99	50	62
Hogg, Nathaniel W.	103	79	02
McGill, Dora P.	102	52	16
McMurtery, Haidee P.	103	52	67
Messinger, Wm. S.	103	52	67
Morse, Egbert P.	103	52	67
Pettit, Annie M.	103	52	67
Rice, Ina M.	103	52	67
Sister Baptista Maria	99	50	62
" M. Alexius	103	52	67
Stevens, Iva M.	103	52	67
Turnbull, Bessie B.	103	52	67
Belliveau, Mathilda R.	103	39	50
Coggins, Agnes M.	103	39	50
Comeau, Charles B.	13	4	98
Corkham, David A.	103	39	50
Deveau, Beatrice M.	68	26	07
Eaton, Lennie M.	103	39	50
Gagnon, Alfred G.	103	39	50
Goodwin, Emma M.	101	38	73
Harris, Whyana I.	103	39	50
Hiltz, Annie L.	17	6	51
Hines, Effie G.	103	39	50
Hunt, G. Edgar	103	39	50
Letteney, Edith P.	103	39	50
Lombard, Marie E.	103	39	50
Longmire, Rosa T.	103	39	50
Martel, Melina	103	39	50
Melancon, Rose A.	103	39	50
Mussels, Maude A.	103	39	50
Payson, Mary P.	38	14	57
Sabeau, Wm. H.	103	39	50
Sabine, A. Maude	103	39	50
Sanders, Arthur W.	103	39	50
Sister M. Eugenie	103	39	50
" M. Modesta	103	39	50
" M. Lucina	103	39	50
M. Elise	103	39	50
M. Virginia	103	39	50
Snow, Etta M.	103	39	50
Stevens Eudora M.	103	39	50
Teed, Geneva	100	38	35
Thibault, Alma	103	39	50
Thibodeau, Beatrice	102	39	11
Trevoy, Archie H.	103	39	50
Trask, Leta H.	103	39	50
Varnier, Disa M.	103	39	50

Walsh, Grace B.	61	23	39
Whitman, Minnie C.	103	39	50
Woodbury, Reginald C.	102	39	11
Bailey, Edna E.	103	26	34
*Baltzer, Lilla B.	103	35	11
Belliveau, Leonica	103	26	34
Brannen, Nellie R.	68	17	38
*Brooks, Grace D.	103	35	11
Comeau, Marie Ann	103	26	34
*Comeau, Marie Rose	103	35	11
Cossaboom, Annie F.	99	25	31
*Cossaboom, Clarissa I.	102	34	77
Denton, E. May	102	26	08
Deveau, Ann Lea	103	26	34
Deveau, Louise	103	26	34
Doucet, Nellie	103	26	34
Doucet, Joseph P.	103	26	34
Doty, Lytha M.	103	26	34
Dugas, Beatrice	103	26	34
Dugas, Francoise	103	26	34
Durland, Bessie R.	102	26	08
*Hamilton, Louis G.	97½	33	23
Hasset, Helena	102	26	08
Hayford, Albert C.	103	26	34
Hersey, Laura B.	121	30	93
Hiltz, Josie A.	103	26	34
Hines, Bertha M	103	26	34
Johnson, Ethel B.	102	26	08
Kinney, Rowena J.	102½	26	21
Lambertson, Myrtle F.	103	26	34
LeBlanc, Anselm L.	100	25	57
LeBlanc, Edna A.	103	26	34
LeBlanc, Symphorien	103	26	34
*Lewis, Jessie M.	103	35	11
McDormand, Ina	103	26	34
*McNeill, Arthur H.	103	35	11
Mussels, Dora R.	103	26	34
*Oakes, Minnie V.	103	35	11
Porter, Kate L.	101	25	82
Pothier, Lizer A.	102	26	08
Prime, Lenetta	103	26	34
Richard, Angele	90	23	00
Ridley, Grace L.	102	26	08
Robicheau, Loretta	101½	25	95
Roop, Bessie J.	47	12	02
Simpson, Florence E.	103	26	34
*Sprague, Jennie E.	54	18	40
*Taylor, Addie D.	102	34	77
Taylor, Sophia M.	75	19	17
Thurber, Bessie G.	103	26	34
Wetmore, Flora E.	102	26	08
Young, Eliza R.	103	26	34

## ASSISTANT.

Sister M. Ursula	103	26	34
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## ANNUITANTS.

Sanders, A. W.	40	87
Smallie, Mary J.	53	59

GUYSBORO.

Herdman, William W.	103	92	19
Barss, Clementine A.	103	52	67
Cox, Bertha Crowe	103	52	67
Dillon, Mary Eva	99	50	62
Ellis, Jennie	103	52	67
Ellis, Russell	103	52	67
Giffin, Annie H.	103	52	67
Hill, Grace A.	103	52	67
Kinlay, Florence	103	52	67
Madden, Annie E.	103	52	67
Macdougall, Jean	103	52	67
Macdonald, Mary C.	103	52	67
McGillivray, Amelia	103	52	67
Robson, Norman	103	52	67
Atwater, Emma M. D.	103	39	50
Davis, Hazel V.	98	37	58
Gerrard, Louise F.	103	39	50
Harrison, Elma F.	103	39	50
Hattie, Louise J.	103	39	50
Kennedy, Mrs. Dan.	103	39	50
Kennedy, Annie	103	39	50
McIntosh, Jessie	101	38	73
McMillan, Grace D.	103	39	50
McPherson Alex.	103	39	50
Shanahan, L. J.	103	39	50
Smith, Isabella	67	25	69
Walsh, Helen B.	97	37	19
Aikins, Howard Wm.	101	25	82
Barrigan, Lila	103	26	34
*Barss, Muriel J.	103	35	11
*Boyd, Elfrida	103	35	11
Carrigan, Wilhelmina	103	26	34
*Chisholm, Mary C.	97	33	06
Grant, Jennetta M.	103	26	34
*Green, Elizabeth E.	103	35	11
Hannifen, Maggie	103	26	34
Henry, Ethel M.	103	26	34
Hines, Laura	96	24	53
*Horton Minnie	93	31	70
Hurst, Essie A.	98	25	05
Jameson, Roberta	103	26	34
Jameson, Ona M.	103	26	34
Jewers, Beatrice M.	91	23	25
*Janes, M. Eleanor	103	35	11
Kennedy, Rose A.	103	26	34
Kennedy, Lena C.	103	26	34
LeBlanc, Judith	103	26	34
Martin, Mabel B.	103	26	34
Mattatall, Florence	98	25	05
Morgan, Emma Jane	103	26	34
*Macdonald, Mary J	103	35	11
McGrath, James J.	103	26	34
McKiel, Lauretta	96	24	53
*McLean, Catherine	103	35	11
*Purcell, Nicholas T.	103	35	11
*Richards, Ida B.	103	35	11
Ross, Marian	94	24	02
Simpson, Edna May	103	26	34
Spanks, Elora J.	94	24	02
Sutherland, Gertie J.	98	25	05
Sutherland, Mary E.	95	24	28
Sullivan, Mrs. Alfred	103	26	34
Taylor, Mabel C.	95	24	28

Walsh, Rosalie M.	98	25	05
White, Sarah C.	103	26	34
Worth, Marion S.	96	24	53
Worth, Josie Laura	92	23	51

ANNUITANT.

Mrs. Annie Taylor	53	59
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ST. MARY'S.

Marshall, Lena H.	103	52	67
Bent, Laura F.	99	37	96
Corneally, Lottie Grace	98	37	58
Dickson, Margaret	101	38	73
Dechman, Clara E.	103	39	50
Fraser, Edward J. O.	103	39	50
Hartling, Nettie J.	103	39	50
Hartling, Mabel	103	39	50
Hewitt, Martha	103	39	50
Hattie, John D.	103	39	50
Johnson, Harriet J.	101	38	73
Jenkins, Georgina	103	39	50
McKenzie, Annie	44	16	88
McLellan, Jennie	102	39	11
McNaughton, D. P.	103	39	50
Publicover, Jennie E.	100	38	35
Suttis, Laura E.	103	39	50
Scott, Katherine	99	37	96
Cameron, Jessie M.	102	26	08
Cumming, Bessie M.	103	26	34
*Cottle, Mand	103	35	11
*Gunn, John S. A.	99	33	74
Hartling, Margaret B.	101	25	82
Jackson, Annie F.	100	25	57
McGillivray, Jessie K.	103	26	34
McGregor, Minnie	103	26	34

HALIFAX.

CITY.

McKay, A.	103	92	19
Kennedy, W. T.	93	71	31
Morton, S. A.	102	78	24
Mackintosh, S. K.	102	78	24
Logan, J. W.	102	78	24
McCarthy, J. B.	102	52	16
Peters, F. A.	102	52	16
Bigney, E. M.	102	52	16
Hill, K. F.	40		
Macdonald, E. M.	102	39	11
Smith, A. W. L.	9	6	93
Blois, H. H.	103	65	85
Butler, G. K.	103	79	02
Cummings, E.	103	65	85
Doherty, D. P.	103	65	85
Evaristus, Sr.	103	79	02
Manley, C. J.	103	52	67
Marshall, G. R.	103	65	85
O'Hearn, P.	103	79	02
Rosaria, Sr.	103	79	02
Rosaire, Sr	103	65	85

Trefry, J. H.	103	65 85	Wakeley, A. C.	103	52 67
Agnes, Sr.	103	52 67	Walsh, J. L.	103	52 67
Allen, M. E.	103	52 67	Whelan, A. T.	103	52 67
Alonzo, Sr.	103	52 67	Wiswell, I. M.	103	52 67
Ambrosia, Sr.	103	52 67	Woolrich, M. E.	103	52 67
Annand, E.	103	52 67	Ackhurst, M. L.	103	39 50
Berchmans, Sr.	103	52 67	Ancient, F. S.	103	39 50
Boak, L. M.	103	52 67	Baker, G. H.	103	39 50
Boreham, E. M.	103	52 67	Bayer, A. L.	103	39 50
Bowden, I. M.	103	52 67	Bayer, H. M.	103	39 50
Bowden, L. J.	103	52 67	Blois, E. H.	103	39 50
Brimms, M. C.	103	52 67	Broadhurst, M. E.	103	39 50
Brunt, H. D.	103	52 67	Butler, E. R.	103	39 50
Brodie, I.	103	52 67	Catherine, Sr.	103	39 50
Brown, E. R.	103	52 67	Christina, Sr.	103	39 50
Bruce, J.	103	52 67	Clark, E. M.	103	39 50
Cameron, E.	103	52 67	Clement, Sr.	103	39 50
Cecilia, Sr.	103	52 67	Concepta, Sr.	103	39 50
Chapman, E. L.	103	52 67	Cunningham, E. S.	103	39 50
Chisholm, E. A.	103	52 67	Curren, E. M.	103	39 50
Creighton, I. M.	103	52 67	DePazzi, Sr.	103	39 50
Cunningham, A. M.	103	52 67	Delphine, Sr.	103	39 50
Delahanty, K.	103	52 67	Devine, M. E.	103	39 50
Dempsey, I. B.	103	52 67	Felix, Sr.	103	39 50
Dolorita, Sr.	103	52 67	Finn, Mme.	103	39 50
Dolorosa, Sr.	103	52 67	Grierson, F.	103	39 50
Dwyer, M. E.	103	52 67	Grierson, M. H.	103	39 50
Ernestine, Sr.	103	52 67	Gualbert, Sr.	103	39 50
Eucharis, Sr.	103	52 67	Hamilton, H. H.	103	39 50
Florence, Sr.	103	52 67	Hartigan, Sr.	103	39 50
Flowers, E. M.	103	52 67	Healey, K. E.	103	39 50
Flowers, H. L.	103	52 67	Henrion, C. E.	103	39 50
Gaul, R. E.	103	52 67	James, C. A.	103	39 50
Genevieve, Sr.	103	52 67	Jamieson, H. J.	103	39 50
Grant, M. L.	103	52 67	J. Baptist, Sr.	103	39 50
Hart, G. M.	103	52 67	Johns, M. A.	103	39 50
Haverstock, A. M.	103	52 67	Johnson, I. J.	103	39 50
Hazle, E. M.	103	52 67	Joseph, Sr.	103	39 50
Huggins, G. M.	103	52 67	Keirstead, F. M.	103	39 50
Kelly, J. M.	103	52 67	Kelly, Mme.	103	39 50
Knickle, C. E.	103	52 67	Kennedy, M. C.	103	39 50
Laracy, L. X.	103	52 67	Leo, Sr.	103	39 50
Leontine, Sr.	103	52 67	Leocadia, Sr.	103	39 50
Madeline, Sr.	103	52 67	Logan, A.	103	39 50
Margaret, Sr.	103	52 67	Lyll, B. H.	103	39 50
Marshall, L. E.	103	52 67	McArthur, J. R.	103	39 50
Mason, H. E. M.	103	52 67	McGregor, A.	103	39 50
Moseley, M. I.	103	52 67	Mary, Sr.	103	39 50
Murray, Mme.	103	52 67	Mitchell, L. F. J.	103	39 50
Outhit, M. C.	103	52 67	Mooney, M. E.	103	39 50
Phelan, M. F.	103	52 67	O'Donoghue, M. T. T.	103	39 50
Pius, Sr.	103	52 67	Perpetua, Sr.	103	39 50
Rankine, A. B.	103	52 67	Putnam, A. F.	103	39 50
Richardson, R.	103	52 67	Raphael, Sr.	103	39 50
Ross, E. D.	103	52 67	Remigius, Bro.	103	39 50
Ross, E. J.	103	52 67	Rita, Sr.	103	39 50
Sanders, K. O.	103	52 67	Rockett, M. M.	103	39 50
Saunders, A. C.	103	52 67	Rodriguez, Sr.	103	39 50
Shields, E. G.	103	52 67	Ross, Carrie E.	103	39 50
Shields, S. W.	64	32 72	Strattan, E.	103	39 50
Sims, S. A.	103	52 67	Sullivan, M.	103	39 50
Spencer, E. M.	103	52 67	Sullivan, M. T.	103	39 50
Sullivan, Mme.	103	52 67	Sullivan, M. T. R.	103	39 50
Theakston, H. S. F.	103	52 67	Theakston, S. E.	103	39 50
Tynan, J. C.	103	52 67	Travis, A. A.	103	39 50



Walsh, A. M.	103	39	50
Warner, M. F.	103	39	50
Wells, C.	103	39	50
Wells, M. H.	103	39	50
Willis, E. J.	103	39	50
Dickson, M. E.	103	26	34
Garroway, C. M.	88	22	49
Gossip, C. M.	103	26	34
Jemmott, M. F.	103	26	34
McDonnell, Mme	103	26	34
Patrick, Bro.	103		

ANNUITANTS.

Hall, Helen McG.	107	17	
Torrey, Eleanor C.	80	37	

COUNTY.

McLeod, Robert Hugh	103	76	71
Allen, Christina	101	51	65
Archibald, Jean B.	102	52	16
Bell, Mary F.	103	52	67
Brooks, Ethel G.	102½	52	41
Corkum, Ethel	101	51	65
Crowe, Zella	103	52	67
Cruikshank, Jean Harriet	103	52	67
Demmons, Mona B.	103	52	67
Eaton, Isabel J.	101	51	65
Evans, Laura F.	103	52	67
Frye, Beatrice	103	52	67
Gaetz, Ida M.	101	51	65
Hiltz, Ethel M.	101	51	65
Lynds, Lennie	101	51	65
Miller, Florence M.	101	51	65
Mumford, Elizabeth	43	21	98
MacCully, Eva	101	51	65
Prescott, Alice	101	51	65
Wisdom, Sadie	101	51	65
Ahern, Mary E.	37	14	19
Archibald, Jessie D.	103	39	50
Auld, Maggie Ella	102	39	11
Baker, Carrie Mae	103	39	50
Barnstead, Winnifred G.	103	39	50
Balcombe, Florence C.	103	39	50
Boutilier, Margaret L.	103	39	50
" " last half year	45	17	50
" " "	83	31	83
Brown, Emma M.	105	40	26
Butler, Mamie E.	101	38	73
Cameron, Sadie	103	39	50
Chisholm, Isabel G.	103	39	50
Clark, Ina Jane	98	37	58
Clark, Janet G.	93	35	66
Cox, Nellie	99	37	96
Coleman, Hannah E.	103	39	50
Cooke, Mary Logan	103	39	50
Cook, Georgie E.	103	39	50
Conrad, Ethel May	103	39	50
Crockett, Eva F.	103	39	50
Dechman, Elsie Emma	101	38	73
DeVan, Eileen M.	103	39	50
Dickie, Gertrude	103	39	50
Dickie, Lillie A.	103	39	50
Erskine, Jennie Burnett	103	39	50
Fahie, Annie Marie	100	38	35

Findlay, Sadie	103	39	50
Flemming, Effie Putnam	101	38	73
Fox, Jean Christie	69	26	46
Fraser, Annie Alice	102	39	11
Gallagher, Mildred	103	39	50
Gallagher, Adelaide	102½	39	30
Gates, Lena Mary	101	38	73
Goodick, J. B.	103	39	50
Graham, Myrtle E.	101	38	73
Guild, Jean	101	38	73
Hall, Sarah M.	54	20	71
Hamilton, Mary A.	103	39	50
Higgins, Emma Agnes	101	38	73
Higgins, Hannah Margaret	103	39	50
Homans, Estella M.	101½	38	92
Hume, Mary Emma	103	39	50
Hume, Bessie	101	38	73
Hume, Florence	103	39	50
Laidlaw, Elizabeth	101	38	73
Manthorne, Jennie M.	103	39	50
" " last half year		13	62
Mosher, Annie	102	39	11
Moore, Jamesina	99	37	96
McCabe, Pearle	103	39	50
McFetridge, Emma Jane	103	39	50
McHeffy, Mary E.	103	39	50
McKenzie, Margaret A.	103	39	50
McKay, Isabel	101	38	73
McLean, Ivy M.	103	39	50
McLean, Annie	93	35	66
MacMillan, Neil	95	36	43
Nauss, Ola G.	103	39	50
O'Brien, Margaret E.	100½	38	54
Ogilvie, Estey May	100	38	35
Osborne, Melissa A.	103	39	50
Pender, Anastasia M.	101	38	73
Reid, Mary N.	103	39	50
Schultz, Sadie E.	103	39	50
Shute, Jessie T.	101	38	73
Sibley, Lena M.	53	20	32
Smith, Etna Olive	102	39	11
Smith, Pearle M.	102	39	11
Smith, Anna Maud	99	37	96
Spencer, Fred Layton	102	39	11
Thomas, Bessie	101	38	73
Thompson, Roy M.	103	39	50
Thornton, Mary	103	39	50
Turner, Rebecca E.	98	37	58
Wallace, May D.	103	39	50
Wier, Amelia	102	39	11
Wolfe, Hattie F.	102	39	11
*Alleyne, Miriam	81	27	61
Chisholm, Jessie L.	103	26	34
Clarke, Catherine B.	103	26	34
Collins, Pearl	96	24	53
Collins, Margaret	102	26	08
*Corner, Bessie	102	34	77
Corner, Anna	103	26	34
Cole, Alice Josephine	103	26	34
*Crawford, Jennie	103	35	11
Crook, Mabel Sophia	103	26	34
Dauphinee, Lena C.	103	26	34
Dauphinee, Elsie M.	103	26	34
*Ellis, Nina May	103	35	11
Ferguson, Cora May	103	26	34

Fisher, Adela B.	102½	26	21	Smith, J. A.	103	92	19
Fraser, Grace	101	25	82	Bowly, Florence M.	102	52	16
Gates, Plessah M.	103	26	34	Brennan, Maud A.	103	52	67
Gibbons, John	103	26	34	Corkum, Clara A.	103	52	67
Grant, Edna Gertrude	03	26	34	Crossley, Nellie B.	103	52	67
*Greenough, Charlotte V	103	35	11	Faulkner, Harriett C.	103	52	67
*Guild, Ethel G.	101	34	43	Goudey, Theodosia	54	27	62
Hawkins, Viola S.	103	26	34	Hennessey, Margaret	103	52	67
Hartling, M. Daisy	92	23	51	Lavers, Winnifred	103	52	67
Hall, Mabel Edna	102	26	08	McLellan, Mary	44	22	49
Harpell, Amanda N.	82	20	96	McWilliam, Jessie	102	52	16
Henry, Leah Munson	101	25	82	Parker, Helen G.	102	52	16
*Henderson, Anna M.	98	33	40	Pearsons, Kate E.	103	52	67
*Henderson, Henrietta M.	101	34	43	Rines, Maggie R.	103	52	67
Higgins, Elsie G.	103	26	34	Scott, Agnes B.	100	51	14
Higgins, Matilda J.	103	26	34	White, Jennie M.	103	52	67
Horne, May E.	101	25	82	Bennett, Hanna	103	39	50
Hutchinson, Janet P.	49	12	52	Blois, Josephine	99	37	96
Irvine, John T.	102	26	08	Dimock, Annie	103	39	50
Johnson, Elizabeth	102	26	08	Foster, A. DeW	103	39	50
*Josey, Izetta Blanche	103	35	11	Goudey, Emily F.	103	39	50
Julien, Emma B.	103	26	34	Graham, Julia M.	103	39	50
LaPierre, Matilda A.	54	13	80	Harvey, Alice A.	78	29	91
*Leslie, Eric	39	13	18	Kelley, Minnie A.	103	39	50
*Mitchell, Lucy Viola	49	16	69	King, Mildred E.	103	39	50
*Mosher, Ellen Sylvia	101	34	43	Lewis, Sadie R.	103	39	50
Mosher, Emma	103	26	34	Lynch, Jessie A.	89	34	13
Murphy, Mary	103	26	34	Mariette, Emma M.	92	35	28
*Murphy, Daniel Philip	100	34	09	MacDougall, Edith M.	103	39	50
Munro, Mary Eleanor	103	26	34	McCurdy, Helen	103	39	50
Murray, Myrtle Jean	100	25	57	Miller, A. Blanche	103	39	50
*Myra, Blanche	102	34	77	Millett, Georgetta	103	39	50
*McLeod, Jennie Stuart	44	14	99	Nicholson, Mary	101	38	73
*McLeod, Gretha L.	97	28	53	Nicholson, Mary Vance	102	39	11
*McGill, Frances	93	31	70	O'Brien, Ellen J.	101	38	73
*MacInnis, Christina	28	9	54	Partridge, Ethel	102	39	11
MacGillivray, Flora	105	26	85	Redden, Alice B.	102	39	11
Nieforth, Mabel Jane	103	26	34	Rines, Rossie A.	103	39	50
Perry, Eva May	103	26	34	Rutherford, Willa J.	102	39	11
Prest, Mary Margaret	62	15	85	Salter, Hattie M.	99	37	96
*Prest, Amelia Champly	99	33	74	Scott, Annie	102	39	11
Reid, Mabel Leona	103	26	34	Sexton, Verna X.	10	3	83
Richardson, Edith M.	100	25	57	Shaw, Sarah E.	103	39	50
*Richardson, Marguerite	98	33	40	Stevens, Martha R.	103	39	50
*Robinson, Jennie	59	20	10	Wier, Annie G.	99	37	96
*Roberts, Olive M.	61	20	79	Young, Etta Lillian	103	39	50
*Sarjeant, Leonard Fred	92	31	36	Cochrane, Madge I.	103	26	34
Sibley, Mattie Archibald	39	9	97	*DeWolfe, Flora M.	100	34	09
Sibley, Hattie M.	103	26	34	Foley, Ethel M.	102	26	08
*Skerry, Emma	64	21	81	Foley, M. Evelyn	102	26	08
Spinney, Jennie M.	103	26	34	*Houghton, Mary C.	103	35	11
Stewart, John Murdoch	98	25	05	*Johnston, Annabell	101	34	43
Stoddard, Sabina B.	103	26	34	Jones, Estella	103	26	34
Sutherland, Grace	101	25	82	*Lantz, Mabel E.	96	32	72
Sullivan, Rose M.	98	25	05	Laws, Lillian F.	103	26	34
Warner, Mary B.	102	26	08	*Long, Gertrude	102	34	77
Whitman, Grace	99	25	31	Lunn, Ethel M.	103	26	34
Yeadon, Ida May	103	26	34	McKenzie, Florence H.	103	26	34
				Morse, Evelyn	101	38	73
				Palmer, Queenie	93	23	77
				Simm, Ada A.	103	39	50
				*Underwood, Janie	103	35	11
				Withrow, Ethel A.	103	26	34
				*Vaughan, Alice G.	102	34	77

## HANTS.

Forbes, Antoinette	101½	77	85
Shields, W. J.	103	92	19

EAST.		
Chute, Clyde	103	52 67
Cottle, Pauline D.	103	52 67
Crowe, Janetta	11	5 62
Henry, Ella K.	118	60 34
Holesworth, Mabel C.	118	60 34
MacLennan, Florence B.	103	52 67
MacLennan, Jennie	101	51 65
McNutt, Annie	49	25 05
Marchant, Laura L.	103	52 67
O'Brien, Clara	103	52 67
O'Brien, Greta F.	103	52 67
Parker, Ethel E.	103	52 67
Adams, Floretta M.	103	39 50
Blake, Elizabeth A.	103	39 50
Bradshaw, H. Madge	102	39 11
Campbell, Lena B.	102	39 11
Cox, Jane L.	103	39 50
Foley, Minnie G. W.	102	39 11
Hamilton, Mildred	103	39 50
Harvey, Arabella E.	103	39 50
Lewis, Lena	101	38 73
Little, Ada Charlotte	94	36 04
Little, Flora	30	11 50
Loomer, Gertrude M.	101	38 73
Macdonald, Laura A.	57	21 86
McCulloch, H. Gertrude	103	39 50
McLearn, Gertrude	103	39 50
McLeod, Margaret	103	39 50
Moreash, Isabel	101	38 73
Morrison, Maggie M.	103	39 50
Mosher, Idella P.	102	39 11
Putnam, Mary	54	20 71
Sanford, Alida R.	103	39 50
Scott, Catherine M.	103	39 50
Simm, Ethalyn L.	101	38 35
Smith, Emmaroy M.	103	39 50
Wallace, Ellen	103	39 50
Withrow, Mary	106	40 65
Beazley, Abbie	101	25 82
*Bond, Bessie	44	14 99
*Bowes, Willetta J.	103	35 11
Cameron, Alberta	101	25 82
Card, Mary E.	98	25 05
Embree, Janie E.	103	26 34
*Etter, A. Gordon	62	21 13
Faulkner, Nina Ethel	103	26 34
Greenough, Jennie	103	26 34
Higgins, Josephine	103	26 34
Horne, Lillie A.	103	26 34
Kavanagh, Cecilia A.	5	1 27
Logan, Jessie M.	98	25 05
McCurdy, Lillie A.	101	25 82
McMann, Carrie	98	25 05
*Mason, Sarah J.	103	35 11
*Matheson, Ivy I.	103	35 11
Moore, Jennie	103	26 34
*O'Brien, Janie L.	103	35 11
Reid, Anna M.	64	16 36
Schwartz, Frances	59	39 63
*Shaw, Mildred L.	103	35 11
Sim, Jennie P.	101	25 82
*Smith, Ida L.	103	35 11

ASSISTANTS		
Gray, Bessie C. A.	102	17 39
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Smith, Letson M.	107	17
Scott, Lily A.	107	17
McLellan, Mary	54	50
INVERNESS.		
SOUTH.		
Smith, Edmund B.	103	92 19
Chisholm, Duncan	102	52 16
Creelman, Laura M.	103	52 67
Fraser, Susie	102	52 16
McDougall, Jessie A.	102	52 16
MacMaster, Annie J.	103	52 67
Munro, Ethel M.	100	51 14
Murray, Mildred	103	52 67
Calder, John A.	58	22 24
Finn, Violet A. C.	103	39 50
Macdonald, Angus L.	103	39 50
McDonald, Mary A.	103	39 50
Macdonald, James R.	48	18 41
McIsaac, Mary Agnes	103	39 50
McKenzie, Christina	103	39 50
McMillan, Gordon D.	103	39 50
MacQueen, Katharine	103	39 50
O'Brien, Rufus B.	103	39 50
Quigley, Mary E.	102	39 11
Rose, Lily	103	39 50
Sister St. Dymphna	103	39 50
" " Marie	103	39 50
" " M. Dolores	103	39 50
Smyth, Margaret	103	39 50
Chisholm, Cassie	99	25 31
Davis, Mrs. Mary	95	24 28
Doyle, Ellen J.	26	6 64
Gillis, Mary Bell	54	13 80
Hureau, Helén	103	26 34
Langley, Susan P.	98	25 05
Leonard, Eliza May	100	25 57
MacDonald, Katie	103	26 34
MacDonald, Stanley P.	100	25 57
McEachen, Mary Ann	103	26 34
McFarlane, Mary C.	103	26 34
McInnis, Jessie	103	26 34
Macintosh, Sophia M.	103	26 34
MacIntyre, Catharine I.	98	25 05
MacIver, Norena	103	26 34
McLean, Duncan	103	26 34
Maclean, Grace C.	103	26 34
McLean, J. A.	41	10 48
McLellan, Mary A.	103	26 34
McLellan, Agnes A.	103	26 34
MacLeod, Mary Margaret	103	26 34
MacMaster, Mamie	100	25 57
McMaster, Margaret Rose	103	26 34
MacNeil, Mary Ella	103	26 34
MacPhail, Cassie Mae	102	26 08

MacRae, Jessie A.	101	25 82
Martin, Jennie	102	26 08
Sister St. John	103	26 34
Skinner, Daniel J.	103	26 34
Smith, Clara J.	103	26 34
*Chisholm, Mrs. Agnes	72	24 53
*Grant, Cassie J.	90	30 68
*Henderson, Mary Belle	99	33 74
*McDonald, Annie May	100	34 09
*McEachen, Mary Margaret	103	35 11
*MacKinnon, Eva	67	22 83
*McLean, Charles A.	65	22 15

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McIntyre, Peter	80	37
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## NORTH.

Cormier, William E.	103	52 67
Gillis, Malcolm H.	37	18 91
Gillis, Malcolm H.	63	32 21
McDonald, Duncan H.	103	52 67
MacInnis, Charles J.	38	19 42
McLean, Hector K.	103	52 67
Arseneau, Minnie	103	39 50
AuCoin, James H.	103	39 50
Austen, Kenneth J.	103	39 50
Bernard, Sister St.	103	39 50
Boudreau, Anselm C.	103	39 50
Boudreau, Joseph C.	103	39 50
Boudreau, Placide C.	103	39 50
Campbell, Katie J.	103	39 50
Chiasson, Ephraim	103	39 50
Chisholm, A. A.	48	18 41
Coady, Sarah Jane	103	39 50
Elderkin, Elizabeth J.	102	39 11
Gillis, Michael	103	39 50
John, Sister St.	103	39 50
LeBlanc, John P.	103	39 50
Macdaniel, Ida	103	39 50
Matheson, C. Edna	103	39 50
McDaniel, Annie E.	103	39 50
McDonald, Martha	97	37 19
McDougall, Mary Agnes	102	39 11
McInnis, W. E.	103	39 50
McKinnon, John	103	39 50
McLellan, A. N.	103	39 50
McLellan, Marjorie A.	102	39 11
McMillan, Duncan A.	100	38 35
Nicholson, A. G.	68	26 07
Arseneau, Mary B.	103	26 34
Arseneau, Nellie	103	26 34
AuCoin, Paul J.	83	21 21
Chiasson, Peter	103	26 34
Coady, Annie Judith	103	26 34
DesVaux, Adele D.	103	26 34
Doyle, Dan H.	103	26 34
*Gillis, James D.	103	35 11
Gillis, James John	103	26 34
Hawley, Maud	78	19 94
Macdonald, Angus A.	94	24 02
Macdonald, Mary L.	103	26 34
*Macdonald, Florence M.	103	35 11
*MacKinnon, Katherine	103	35 11

*MacKinnon, Annie	103	35 11
*MacMillan, John A.	103	35 11
McDaniel, Nellie J.	103	26 34
*McDaniel, Sadie B.	103	35 11
McDonald, Mary A.	103	26 34
McKay, Dan P.	103	26 34
McKinnon, Roderick	101	25 82
*McLean, J. Hugh	12	4 08
McLellan, Mary C.	103	26 34
McLellan, Maggie May	103	26 34
*McLellan, Katie	103	35 11
McLennan, Katie Belle	55	14 05
Sister Margaret Mary	103	26 34
Murphy, Thomas H.	103	26 34
*Murphy, Mary R.	103	35 11
Philips, Sadie M.	103	26 34
Shaw, Stephen R.	99	25 31
Smith, Lorena	103	26 34

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McLean, Donald E.	107	17
McDougall, A. S.	80	37
McDonald, James	53	59
McMillan, Peter	53	59
McKinnon, Malcolm	39	50

## ASSISTANTS.

Cormier, Mary Ann	103	17 56
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## KINGS.

Fairweather, Ernest E.	103	92 19
Godfrey, John F.	94	48 06
Kaulbach, Lenora	103	65 85
Oxner, Bertha I.	103	79 02
Webster, Winifred M.	103	79 02
Andrews, Lillian M.	103	52 67
Banks, Alonzo J.	88	45 00
Bentley, May B.	103	52 67
Best, Elsie M.	101	51 65
Bligh, Arabella	105	53 69
Burbidge, Josephine	103	52 67
Chesley, Carrie E.	102	52 16
Chipman, Mary L.	104	53 18
Clark, Hattie M.	97	49 60
Cochrane, S. Ethel	103	52 67
Crowe, Louise B.	103	52 67
Eaton, Alice A.	101	51 65
Foote, C. Perry	41	20 96
Ford, Robie W.	103	52 67
Gesner, C. Leonard	103	52 67
Gilliatt, Ruth B.	103	52 67
Greenleafe, Alice M.	103	52 67
Hamilton, Bessie	103	52 67
Healy, Lidy A.	103	52 16
Illsley, Nellie E.	102	52 16
Lee, Minnie M.	102	52 16
Loomer, Estella J.	91	46 53
MacGregor, Ruperta	103	52 67
Margeson, J. Winis	61	31 19
McMahon, Laura	102	52 16

McMahon, Nellie B.	103	52	67
McNeil, Bessie J.	103	52	67
McWhinnie, Lizzie	103	52	67
Morse, Elizabeth G.	103	52	67
Newcomb, Mary A.	103	52	67
Parker, Maie L.	103	52	67
Robinson, L. D.	101	51	65
Rockwell, Gladys H.	103	52	67
Spinney, Hattie S.	103	52	67
Spurr, Alice M.	100	51	14
Skinner, Louis R.	103	52	67
Sutherland, Augustina	103	52	67
Thorpe, Rose B.	103	52	67
Welton, Jennie	103	52	67
Woodbury, Mabel M.	103	52	67
Woodward, Grace L.	103	52	67
Armstrong, Flora B.	102	39	11
Bartheaux, Myrtille E.	103	39	50
Bishop, Hattie L.	103	39	50
Boyle, Annie B.	103	39	50
Brison, Maude L.	49	18	79
Brown, Bessie	83	31	83
Cahill, Cassie L.	103	39	50
Challen, Bessie	103	39	50
Chase, Millicent S.	102	39	11
Chesley, Sadie B.	93	35	66
Chute, Fannie LaV	102	39	11
Chipman, Alice	39	14	95
Cox, Alice	103	39	50
Davison, Laura E.	103	39	50
Eisenhaur, Bessie B.	103	39	50
Fielding, Clara B.	103	39	50
Franey, Bertha M.	103	39	50
Fraser, Daisy Reid	102	39	11
Freeman, Margaret	103	39	50
Gaul, Ethel	103	39	50
Hennigar, Nina E.	103	39	50
Jenkins, Girelda H.	102	39	11
Jenner, A. Blanche	103	39	50
Jones, Pearl A.	103	39	50
Kendall, Jessie	34	13	04
Kinsman, Mary E.	104	39	88
Lee, Ena B.	103	39	50
McPhee, Lillian L.	58	22	24
Margeson, Hannah L.	98	37	58
Marshall, Gertrude L.	103	39	50
Miner, Mildred E.	103	39	50
Moore, Elizabeth	103	39	50
Morse, Edith M.	103	39	50
Mosher, Margaret E.	102	39	11
Neville, Violet	96	36	81
Nichols, Lola M.	102	39	11
North, Zetta C.	92	35	28
O'Brien, Maggie A.	103	39	50
Parker, Iva E.	103	39	50
Parker, Lucia M.	103	39	50
Parker, Pruie E.	102	39	11
Pentz, Edith M.	102	39	11
Phinney, Jennie D.	64	24	54
Power, Carrie E.	103	39	50
Robinson, Clara	93	35	66
Rockwell, Lila I.	98	37	58
Scott, Estelle L.	99	37	96
Spicer, Pearl A.	103	39	50
Starratt, Hattie B.	102	39	11

Strong, May S.	102	39	11
Swindell, Charlotte E.	103	39	50
Weaver, Beatrice	103	39	50
West, Mildred	103	39	50
Wood, Apha M.	103	39	50
Wright, Ethel L.	103	39	50
*Best, Lucy C.	82	27	17
Brown, Mariam C.	85½	21	85
*Chute, Edith	105	34	93
Chute, Nellie V.	103	26	34
*Coldwell, Lewis H.	65	21	60
*Collins, Leila	103	34	26
*Costley, Estella M.	101	33	59
Etter, Norma C.	103	26	34
*Finley, Eva L.	102½	34	09
*Franey, Ethel M.	102	33	92
*Hanna, Ellen B.	102½	34	09
*Hazel, Eliza J.	54	17	95
*Matheson, Hattie	103	34	26
*McKeen, Ethel G.	103	34	26
MacRae, Luella M.	103	26	34
*Neily, Georgie Maie	103	34	26
*Nieforth, Edith M.	66	21	94
North, Millicent B.	103	26	34
*Parker, Bertha M.	100	33	26
*Parker, Grace L.	48	15	95
Parrish, Cora B.	103	26	34
*Pineo, Mildred	1	33	
*Randall, Alice	103	34	26
*Rogers, Abbie M.	94	31	25
Roscoe, Josephine O.	102	26	08
*Saunders, Emilie A.	103	34	26
*Smith, B. Evelyn	103	34	26
*Webster, S. Christine	102	33	92
*West, Margaret O.	62	20	62
*Whitman, Eva Pearl	44	14	64

ASSISTANTS.

Martin, Annie L.	103	26	34
Sanford, S. Beryl	102	26	08

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Foster, A. D.	107	17	
Andrews, H. W.	107	17	
Craig, James	80	37	

LUNENBURG AND NEW DUBLIN.

Crombie, Isaac	102	91	28
Hewitt, Minnie C.	102	78	24
McKittrick, B.	102	91	28
Smeltzer, H. R.	103	92	19
Balcom, Lewis S.	102	52	16
Fancy, Lydia	103	52	67
Feindell, Gertrude	103	52	67
Getson, Grace A.	103	52	67
Harlow, Lottie	103	52	67
Joudrey, Edith	103	52	67
Lantz, Teresa	20	10	22
Leary, Mary E.	101	51	65
Mader, Annie O.	103	52	67
Mullock, Florence	103	52	67

Mader, Flora	103	52 67	Taylor, Edith	103	39 50
Maxner, Morris	102	52 16	Thompson, Florian	102	39 11
McLaughlin, Lilla	102	52 16	Thompson, Mary E.	102	39 11
McMillan, Maud	102	52 16	Tobin, Ellen M.	102	39 11
Parker, Lillie	102	52 16	Tobin, Mary E.	102	39 11
Prince, Ina	101	51 65	Tretheway, Jessie	102	39 11
Strum, Gladys	103	52 67	Warner, Emma L.	103	39 50
Veinotte, Alice M.	103	52 67	Webber, Debbie L.	103	39 50
Wentzell, Hattie	102	52 16	Wentzell, Ida H.	103	39 50
Young, Helen	102	52 16	West, Ella L.	103	39 50
Young, Mary E.	102	52 16	Wilson, Violet L.	59	22 62
Zinck, Etta M.	103	52 67	Adams, Lillian	102	26 08
Astbury, Lizzie	102	39 11	Bell, Emma L.	102	26 08
Bowers, Mary	102	39 11	Bell, Gertrude	103	26 34
Bell, Marie R.	103	39 50	Bell, Minnie M.	103	26 34
Bolivar, Alma	103	39 50	Brooks, Lena C.	103	26 34
Brooks, Blanche	103	39 50	Charlton, Elvida	103	26 34
Bruh, Flora	103	39 50	Chesley, Isabel	103	26 34
Bruh, Muriel	103	39 50	Chesley, Jessie	103	26 34
Cox, Sadie E.	103	39 50	Cook, Nellie P.	103	26 34
Crawford, Florence	102	39 11	Corkum, Beatrice	102	26 08
Dorrie, Gladys	102	39 11	Corkum, Cassie	103	26 34
Ernst, Phoebe	103	39 50	*Corkum, Gladys	103	35 11
Duncan, Jessie W.	102½	39 30	*Corkum, Minnie	103	35 11
Doleman, Harry A.	103	39 50	Crouse, Georgina	103	26 34
Falkenham, Emma	100	38 35	Deal, Bernice L.	99½	25 44
Fancy, Jennie	101	38 73	*Durland, Nina	103	35 11
Fralic, Elsie	103	39 50	Ernst, Florence C.	103	26 34
Fralic, Elva L.	103	39 50	Fancy, Elizabeth	103	26 34
Freeman, Hilda	102	39 11	Feener, Norah	98½	25 18
Hagan, Jeddiah	103	39 50	Feindell, Addie	103	26 34
Hamm, Erema	82	31 44	Feindell, Flora	103	26 34
Hawksworth, Eva	102	39 11	Forbes, Annie J.	103	26 34
Hebb, Elsie E.	103	39 50	Freeman, Nellie V.	103	26 34
Hebb, Florence	103	39 50	Garber, Jennie	102	26 08
Herman, Bertha	103	39 50	Getson, Mary	103	26 34
Heisler, Arthur J.	102	39 11	Glawson, Josie	103	26 34
Hirtle, Ethel L.	102	39 11	*Heisler, Nellie	103	35 11
Hirtle, Roy J.	103	39 50	Hirtle, Amanda	30	7 67
Keddy, Beatrice	102	39 11	Hirtle, Etta M.	103	26 34
Keddy, Bessie M.	103	39 50	Himmelman, Viola	103	26 34
Langille, Edith	103	39 50	Hyson, Ada E.	99	25 31
Lantz, Hannah	103	39 50	Inglis, Etta F.	103	26 34
Lohnes, Minnie A.	102½	39 30	Inglis, Flora E.	102	26 34
Mader, Bessie M.	103	39 50	*Jodrey, Lida B.	103	35 11
Manthorne, Maud	103	39 50	Kaulbach, Laura	102	26 08
Mason, Jessie	103	39 50	Keddy, Sadie	83	21 21
Mason, Leaman	103	39 50	Keddy, Sophia	103	26 34
Millett, Sadie	98	37 58	Kennedy, Lois	103	26 34
McCabe, John M.	103	39 50	Langille, Rebecca	103	26 34
McLachlan, Ethel	102	39 11	Lohnes, Annie E.	103	26 34
McLachlan, Lelia	102	39 11	Mack, Theresa	102	26 08
McLannan, Alfaretta	103	39 50	Morash, Carrie	103	26 34
Naugler, Agnes	103	39 50	Mossman, Ada	103	26 34
Newcombe, Mabel	102	39 11	Mouzar, Laliah	103	26 34
Nicol, Minnie J.	103	39 50	Mullock, Adelaide	103	26 34
Reinhardt, Grace	103	39 50	Parnell, Alma	103	26 34
Richard, Edith	103	39 50	*Publicover, Lida	103	35 11
Rudolf, Mary	102	39 11	Rafuse, Jennie B.	103	26 34
Silver, Susie	103	39 50	Rafuse, Maggie	101	25 82
Smeltzer, Lillie	103	39 50	Sarty, Eva	102½	26 21
Smith, Eva M.	103	39 50	Silver, Clara	103	26 34
Smith, Idella	103	39 50	Smeltzer, Jennie	103	26 34
Smith, Lola L.	103	39 50	Smith, Ada A.	103	26 34
Smith, Mary	103	39 50	*Spidell, Jennie M.	54	18 40

*Spurr, Alma E.	103	35	11
Strumm, Emma M.	103	26	34
Thompson, Lillian	99	25	31
Veinot, Lillian	69	17	64
Wagner, Ella A.	103	26	34
Wentzell, Jemima	103	26	34
Westhaver, Jennie	103	26	34
*Wilson, Eva	97	29	31
*Winters, Stella	54	18	40

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Rieser, Daniel	107	17	
Faulkner, Jas.	80	37	
Stoddart, Marie	80	37	
Hickman, Albert D.	53	59	

CHESTER.

Osborne, N. A.	103	92	19
Hennigar, Mabel	102	52	16
Lent, Irene	103	52	67
Lohnes, Eva M.	103	52	67
Settle, Gertrude	103	52	67
Zinck, Minnie	103	52	67
Astbury, Minnie	51½	19	75
Challen, Minnie	103	39	50
Chesley, Ethel M.	103	39	50
Hiltz, Adelaide	103	39	50
Knickle, Kathleen	103	39	50
Langille, Jessie	101	38	73
Lockhart, Annie	103	39	50
Long, Alma	103	39	50
Parker, Carrie	103	39	50
Patterson, Florence	103	39	50
Reeves, Ella M.	102	39	11
Seldon, Clementine	103	39	50
Spurr, Annie	103	39	50
Zinck, Austin A.	103	39	50
*Corkum, Annie B.	103	35	11
DeMone, Eva B.	101	25	82
*Francis, Hildred	103	35	11
Hawholdt, Ida	102½	26	21
Hennigar, Grace	102½	26	21
Lewis, Beatrice	103	26	34
Meisner, Gladys	102	26	08
Nauss, Eva L.	52	13	29
*Smith, Ida R.	103	35	11
*Wile, Dora A.	99	33	74

PICTOU.

NORTH.

Maclellan, R.	102	91	28
McLeod, A. N.	102	78	24
Moore, C. L.	102	78	24
Munro, Henry F.	102	78	24
Gray, Margaret	102	52	16
MacKay, Annie	102	52	16
McArthur, Olive E.	102	52	16
MacRae, Muriel	95	48	58
Murdoch, Louisa M.	103	52	67

Munro, Mossie M.	102	52	16
Tanch, Jas. W.	102	52	16
Young, Nettie B.	103	52	67
Archibald, Ann	101	38	73
Archibald, Carrie	102	39	11
Baillie, A. G.	102	39	11
Campbell, Margaret	101	38	73
Carruthers, C. E.	103	39	50
Cameron, Bessie N.	73	27	99
Ferguson, Janie A.	103	39	50
MacKay, Marion A.	103	39	50
McLeod, Bessie J.	36	13	80
MacKay, Beatrice	101	38	73
MacIntosh, D. S.	100	38	35
MacLanders, Jennie M.	102	39	11
MacKenzie, Martha H.	103	39	50
MacKinnon, Ada K.	103	39	50
MacKenzie, Majorie	63	24	16
Maxwell, Lola	103	39	50
McCunn, Isabel M.	102	39	11
McDonald, Mabel	99	37	96
Munro, Merdena A.	103	39	50
Munro, Margaret A.	102	39	11
Murray, Christina	103	39	50
Murray, Elizabeth	103	39	50
Nicholson, Malcolm	42	16	10
Parker, Essie	102	39	11
Payne, Sadie M.	97	37	19
Perrin, Elva E.	94	36	04
Ross, Bessie B.	103	39	50
Rose, Jessie F.	98	37	58
Schultz, Sadie J.	96	36	81
Sutherland, Bessie	103	39	50
Sylvester, Mary	102	39	11
Tattie, Mabel	93	35	66
Walker, Eliza	29	11	12
Adamson, Mary E.	90	23	00
Brown, Isabelle	99	25	31
Campbell, Jennie M.	60	15	34
Cameron, Jean	65	16	61
Dwyer, Mary E.	100	25	57
Gunn, Jessie A.	100	25	57
Fullerton, Mabel	96	24	53
Grant, W. A.	98	25	05
Harvey, Essie C.	95	24	28
*Irving, Alice E. B.	101	34	43
Johnson, Lillian	101	25	82
*Langille, Edith	103	35	11
MacDonald, Essie J.	96	24	53
MacDonald, Cassie	96	24	53
MacKnight, Jessie I.	102	26	08
MacKay, Annie C.	103	26	34
MacKay, Christina B.	103	26	34
MacIntosh, Jennie	99	25	31
MacKay, Norman C.	103	26	34
Matheson, Myrtle	101	25	82
MacQuarrie, Jessie M.	103	26	34
*Murray, Grace A.	103	35	11
Rae, Cora S.	76	19	43
Reid, M. Olive	103	26	34
Urquhart, Martha	103	26	34
Vair, J. Douglas	102	26	08
*Williamson, Christina	64	21	81
Wright, Bertha	59	15	18





Harrington, Blanche	49	25 05
Morton, Beatrice	102	52 16
Richardson, Ralph	103	52 67
Smith, Lizzie	103	52 67
Baltzer, Mary	103	39 50
Eldridge, Grace	103	39 50
Freeman, Allene	103	39 50
Freeman, Blanche	101	38 73
Freeman, Juna	103	39 50
Freeman, Nellie B.	103	39 50
Hagan, Lillian	102	39 11
Hemeon, Nettie	54	20 71
Huskins, Pearl	100	38 35
Kempton, Jessie	103	39 50
Manthorne, Muriel	103	39 50
McLeod, Edith	103	39 50
McDonald, Wilhelmina	103	39 50
Parke, Nellie	103	39 50
Remby, Lottie	103	39 50
Wentzel, Lois	103	26 34
Feindell, Theresa	102	34 77
*Firth, Alice W.	103	26 34
Forbes, Gertrude	103	26 34
*Gross, Beulah	29	9 88
Harlow, Vera	103	26 34
Hogg, Jennie	102 <sup>1</sup>	26 21
Kempton, Jean	103	26 34
Letson, Marguerite	101	25 82
Munroe, Effie	103	26 34
Parke, Robina	103	26 34
*Shea, Minnie	80	27 27
*Smith, Henrietta	102 <sup>1</sup>	34 77
Swimm, Maude	102	26 08
Taylor, Bessie	103	26 34
Wyde, Sarah W.	102	26 08

NORTH.

Freeman, Jessie E.	102	52 16
Cushing, Alice L.	103	39 50
Cushing, Hilda M.	103	39 50
Cushing, Nina	103	39 50
Johnson, Annis	102	39 11
McGinty, Katherine	64	24 54
Ramey, Rebecca	98	37 58
Wentzel, Minnie	103	39 50
Crouse, Cynthia	103	26 34
Devine, Harriet	103	26 34
Freeman, Ada G.	103	12 08
Freeman, Grace D.	103	26 34
Freeman, Maud	103	26 34
*Freeman, Nettie	99	33 74
*Holdright, Caro	68	23 17
*Rowter, Emily	103	35 11
*Seamond, Ethel L.	103	23 17
Tufts, Edna	103	26 34
*Wessell, Laura	103	35 11
Whitman, Lulu	103	26 34

ANNUITANTS.

Smith, Nicholas	150 00
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RICHMOND.

Macdonald, William A.	103	92 19
Barrett, Teresa, F.	103	52 67
Boyd, Christina	103	52 67
Campbell, D. H.	103	52 67
Chiasson, Moses	85	43 47
Doyle, Cecilia J. M.	103	52 67
Ferguson, Wm. N.	103	52 67
Boyd, Laura E.	103	39 50
Burke, Eva May	103	39 50
Canavan, Annie E.	103	39 50
Doucet, M. C.	103	39 50
Johnston, Mary C.	102	39 11
Kemp, Hector F.	102	39 11
LeBlanc, Zabine Rose	103	39 50
MacKay, John F.	66	25 31
McKay, Luella B.	102	39 11
MacKillop, Ewen D.	102	39 11
MacKillop, A. B. B.	103	39 50
MacLeod, Tena H.	103	39 50
McLeod, Peter A.	102	39 11
Macneil, Margaret A.	103	39 50
Macneil, Minnie P.	103	39 50
Macneil, Minnie A.	103	39 50
MacRae, Lulu J.	103	39 50
Major, William	103	39 50
Matheson, Elsie J. L.	103	39 50
Murchison, John K.	103	39 50
Morrison, Annie	103	39 50
Mury, Henrietta	103	39 50
Nelson, J. Scott	103	39 50
Sampson, Mary E.	103	39 50
White, Minnie M.	103	39 50
Boudrot, Anna L.	103	26 34
Brymer, Lottie M.	103	26 34
Crispo, Clotilda	103	26 34
Deagle, Joseph	103	26 34
Doucet, Alvena E.	103	26 34
Finlayson, Tena J.	103	26 34
Foret, Charles J.	102	26 08
Jackson, Annie J.	102	26 08
Langley, Harriet E.	97	24 79
McAskill, Fred G.	39	9 97
McEachern, Lizzie	100	25 57
McKillop, Kenneth A.	103	26 34
McLanders, Mamie	103	26 34
Macleod, Marie S.	103	26 34
McLeod, Dolena	100	25 57
McNeil, Mary E.	103	26 34
Morrison, Michael E.	103	26 34
Murphy, Margaret A.	103	26 34
Murphy, Minnie E.	101	25 82
Nelson, Gustav Adolf	103	26 34
O'Toole, Henrietta	99	25 31
Poirier, Jeffrey H.	101	25 82
St. Firmine, Sister M.	103	26 34
Sampson, John W.	103	26 34
Shannon, Ellen J.	40	10 23
Sutherland, Daniel J.	102	26 08
Walker, Wallace R.	103	26 34
Wilson, Julia	103	26 34
*Bissett, Clarence	103	35 11
*King, Lewis, J.	43	14 65
*McDonald, Maggie A.	93	31 70

*McIntyre, Margaret L.	94	32	04
*MacKenzie, Teresa	103	35	11
*McPherson, Murdo A.	48	16	35
*Martel, Mary C.	10	3	40
*Monbourquette, Annie J.	103	35	11
*Morrison, Jessie A.	96	32	72
*Sutherland, Donald A.	103	35	11
*Thibeau, Peter	98	33	40

## ANNUITANT.

McKay, John	80	37
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## SHELburne.

Bruce, C. S.	25	22	38
Capstick, F.	101	90	37
McCurdy, R. M.	44	39	38
Munro, E. A.	34	30	43
Allen, J. R.	103	52	67
Locke, C. D.	103	52	67
McGill, L. P.	103	52	67
Nickerson, M. A.	103	52	67
Allen, M. V.	103	39	50
Bangay, S. L.	103	39	50
Batton, V. M.	99	37	96
Doleman, T. W.	79	30	29
Etherington, A. A.	103	39	50
Giffin, G. M.	103	39	50
Hammond, H. G.	98	37	58
Hardy, R. A.	102	39	11
Holden, A. P.	103	39	50
Lyle, E. R.	102	39	11
MacAlpine, F. D.	98	37	58
MacKay, M. B.	102	39	11
MacKay, N. M.	103	39	50
MacKenzie, E.	103	39	50
Martin, K. L.	103	39	50
McKay, M. A.	102	39	11
Page, S. M.	103	39	50
Rawlings, M. A.	103	39	50
Thomas, E. B.	103	39	50
Turner, F. A.	102	39	11
Barclay, J. P.	103	26	34
*Bethune, A. B.	99	33	74
Bower, E. G.	103	26	34
Doane, E. S.	103	26	34
Firth, E. L.	103	26	34
Giffin, F. M.	103	26	34
Giffin, B. M.	102	26	08
Harding, L. M.	103	26	34
Harding, W. J.	103	26	34
Hardy, B. W.	103	26	34
Jones, S. B.	103	26	34
Littlewood, J. A.	113	26	34
Locke, L. M.	103	26	34
MacKay, H. H.	103	26	34
MacKay, G. A.	94	24	02
McKenne, L. D.	103	26	34
Mills, M. E.	100	25	57
Purney, H. J.	103	26	34
*Ringer, C. H.	73	24	87
Spanks, C. Z.	103	26	34
*Walsh, M. M.	103	35	11

## ANNUITANTS.

Goodick, J. D.	80	37
MacMillan, E.	80	37

## BARRINGTON.

Allen, G. B.	103	52	67
Doane, E.	103	52	67
Dorman, R.	102	52	16
Fox, A. D.	102	52	16
MacKay, E. W.	100	51	14
MacKay, N. L.	103	52	67
Martin, O. M.	103	52	67
Oulton, M.	103	52	67
Thorburn, E. M.	103	52	67
Atwood, M. L.	103	39	50
Brown, A. D.	102½	39	30
Brannen, L. M.	103	39	50
Christie, K. E.	103	39	50
Decker, C. E.	103	39	50
Etherington, L.	28	10	74
Hopkins, M.	103	39	50
Hopkins, B. L.	103	39	50
Knowles, I.	103	39	50
Nickerson, L. I.	103	39	50
Nickerson, C. N.	103	39	50
Nickerson, C.	103	39	50
Nickerson, S. B.	103	39	50
Nickerson, N. G.	103	39	50
Sutherland, B.	103	39	50
Thomson, C. H.	63½	24	35
Trefry, K. C.	103	39	50
Walker, B. E.	103	39	50
Atkinson, M. E.	103	26	34
*Black, R. C.	68	23	17
Crowell, A. B.	103	39	50
*Giffin, I. M.	103	35	11
Hogg, A. C.	102	26	08
*Hopkins, E. B.	101½	34	60
Leaman, D. M.	93	23	77
MacGray, F. E.	103	26	34
Nickerson, E.	102	26	08
Ross, B. B.	103	26	34
Swanburg, N. B.	101	25	82
Swanburg, M. L.	102	26	08
Swayne, A. O.	101	25	82
Thomas, H. L.	102	26	08

## ANNUITANT.

Matheson, W. H.	80	37
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## VICTORIA.

Macdonell, Pauline	98	87	67
Campbell, Lizzie M.	103	52	67
MacLeod, Bessie McK.	99	50	62
McDonald, M. B.	103	52	67
McPherson, Minnie	103	52	67
Buckles, Daniel	62	23	77
Cameron, Annie M.	96	36	81
Hartigan Elizabeth	101	38	73

Kennedy, Christy B.	103	39 50
MacAulay, Jean C.	103	39 50
Macdonald, Louise	103	39 50
MacInnis, Dan. F.	103	39 50
MacLennan, D. A.	103	39 50
MacLeod, Alexandrina	102	39 11
MacLeod, Belle M.	103	39 50
MacLeod, Mary	103	39 50
MacLeod, John D.	103	39 50
MacRae, Bessie F.	103	39 50
MacRae, Florence C.	103	39 50
MacRae, Margaret	103	39 50
Mattatall, Daisy	103	39 50
McKenzie, Annie S.	103	39 50
McLean, S. Agnes	102	39 11
McLean, Tena O.	103	39 50
Murdoch, George T.	102	39 11
Nicholson, Daniel J.	103	39 50
O. Brien, M. Lawson	103	39 50
Smith, Margaret	99	37 96
Watson, Ella May	103	39 50
Watson, Henry A.	103	39 50
*Boyle, Cecelia M.	103	35 11
Boyle, Katie A.	103	26 34
Doyle, Mary J.	103	26 34
MacIver, Mary Anne	103	26 34
MacIver, Tena	101	25 82
Mackay, William	103	26 34
MacLean, Myrtle L.	103	26 34
McDonald, Angus D.	103	26 34
McDonald, Florence	103	26 34
*McLeod, Dan A.	99	33 74
*McKenzie, Eliza A.	103	35 11
*McLeod, M. D.	103	35 77
*McRitchie, Dan J.	102	34 11
Morrison, Annie M.	95	24 28
*Morrison, Joanna B.	103	35 11
Rice, Gertrude L.	95	24 28
*Scott, Mary Alice	103	35 11
Smith, Cecelia M.	103	26 34
Smith, Mary A.	103	26 34
Stewart, Robert A.	102	26 08
Sutherland, Annie M.	102	26 08
*Thomas, Hilda Clark	102	34 77
Young, N. E.	102	26 08

YARMOUTH.

Kempton, W. F.	101	90 37
Bingay, N. B.	101	64 55
Bingay, J. H.	101	77 46
Blackadar, G. D.	100	76 71
Horner, A. W.	101	64 55
McGray, M. W.	101	64 55
Trask, J. L.	101	64 55
Wyman, H. J.	97 $\frac{1}{2}$	74 76
Allen, E. C.	100	51 14
Allen, S. B.	101	51 65
Bond, M. G.	101	51 65
Churchill, H. W.	103	79 02
Churchill, N.	103	52 67
Densmore, F.	102	52 16

Ellenwood, M. H.	101	51 65
Fleet, S. J.	102 $\frac{1}{2}$	52 41
Frost, I. F.	103	52 67
Goodwin, E. B.	100	51 14
Grierson, J. E.	99	50 62
Hopkins, M. J.	100	51 14
Huestis, H. A.	101	51 65
Jenkins, E. J.	101	51 65
Kinney, L.	101	51 65
McLeod, A. J.	103	52 67
Moses, E. F.	103	52 67
Moses, J. A.	101	51 65
Patten, M. E.	102	52 16
Phillips, E. R.	101	51 65
Raymond, L.	101	51 65
Scott, A.	103	52 67
Smith, C. G.	101	51 65
Thorburn, L. M.	103	52 67
Wyman, E. B.	103	52 67
Allen, F. L.	101	38 73
Brown, M. S.	102	39 11
Bryant, A.	100	38 35
Chipman, A. J.	101	38 73
Crosby, J. H.	101	38 73
Crosby, M. E.	100	38 35
Crosby, M.	103	39 50
Crosby, L. N.	103	39 50
Delamere, S. P. S.	100	38 35
Doane, L. H.	103	39 50
Durland, A. W.	103	39 50
Eaton, B. M. L.	103	39 50
Frost, G. B.	102	39 11
Goudey, L. A.	101	38 73
Hamilton, J. W.	103	39 50
Kean, E. S.	103	39 50
Kent, B. W.	49	18 79
McKay, J. McP.	96	36 81
Moses, D. B.	101	38 73
Newcombe, B. E.	103	39 50
Parker, V. W.	103	39 50
Patten, L. C.	103	39 50
Pennington, J. G.	101	38 73
Perry, L. S.	20	7 67
Platt, A. M.	101	38 73
Rose, I. M.	100 $\frac{1}{2}$	38 54
Smith, E. B.	103	39 50
Wilson, M. C.	103	39 50
Wyman, C. W.	101	38 73
Baker, G. A.	98	25 05
*Loneragan, M. L.	103	35 11
Moses, M. I.	103	26 34
*Melanson, N. M.	95	32 38
Nickerson, N. M.	103	26 34
*Perry, O. E.	51	17 38
Purney, M. I. G.	103	26 34
Reynolds, A. E.	102	26 08
Roach, F. L.	103	26 34
Swaine, M. M.	103	26 34

ANNUITANTS.

Munro, Jas. H.	75 00
Hilton, M. M.	80 37



PASS LIST, 1907.

COUNTY ACADEMY ENTRANCE EXAMINATION.

(Regular Examination in July, Supplementary in August or September.)

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

[Regulation 66 prescribes that the successful candidates be numbered in order of merit at each examination].

ANNAPOLIS.

- 1—Lillie Reid Wheeler.
- 2—Edna Roach.
- 3—Barbara Helen Wheeler.
- 4—Euphemia Young O'Dell.
- 5—Jennie Alwilda Roach.
- 6—Blanche Helen Patton.
- 7—John Spinney Lombard.
- 8—Annie May Hardy.
- 9—Annie Evangeline Whitman.
- 10—Herbert Philips Rhodes.
- 11—Rokeby Robinson.
- 12—Hattie Alena Miller.

ANTIGONISH.

- 1—Ada Cunningham.
- 2—Eunice Whidden.
- 3—Dellie Sweet.
- 4—John Ross.
- 5—Mamie Chisholm.
- 6—Dorothy Pushee.
- 7—Cassie Donahue.
- 8—Katie A Macdonald.
- 9—Margaret McGillivray.
- 10—Greta Walden.
- 11—Rosalia Macdonald.
- 12— { Matthias Purcell.  
 { Katie Ann McLean.
- 13—John Osborne Whidden.
- 14—John McIsaac.
- 15—Clara Cunningham.
- 16— { John McIsaac.  
 { Bessie McDougall.
- 17—Lucy McNeil.
- 18—Annie Bell Macdonald.
- 19—Francis McIsaac.
- 20—Edna Cunningham.
- 21—Mary T McGillivray.
- 22—Effie Ann Boyd.
- 23—Janet Catherine Macdonald.
- 24—Alexander O'Brien.
- 25— { Nora McDonald.  
 { Angus Duncan Chisholm.

CAPE BRETON.

- 1—John McLellan.
- 2—Charlie Cameron.
- 3—Sadie MacKinnon.
- 4—Harry Schurman.
- 5— { John Gillis.  
 { Wong Wing Yeen.
- 6—Vera Ingraham.
- 7—Harold Robeson.
- 8—Robert McNeil.
- 9—Charles Daly.
- 10—Jessie Richmond.
- 11—Harold Theakston.
- 12—Hughena Smith.
- 13—Frank Bell.
- 14—Edith Ritcey.
- 15—Maude McKinnon.
- 16—Willie Anderson.
- 17— { Eva Smith  
 { Laura Routledge.  
 { Mamie Macdonald.
- 18— { Dorothy Thompson.  
 { Allie Jackson.  
 { Annie Hart.
- 19—Ethel Richardson.
- 20—Sadie Patterson.
- 21—Guy Pace.
- 22—Fred Laphen.
- 23—Grace Chisholm.
- 24—Ernest Moore.
- 25—Mary McDonald.
- 26—Sylvia Lewis.
- 27— { Arta Falconer.  
 { Mamie Morrison.
- 28— { Weldon Travis.  
 { Robert McIntyre.
- 29—Gladys Fisher.
- 30—Doug'as McDougall.
- 31—Gertrude Heathcock.
- 32— { William Drodge.  
 { Christina McLeod.
- 33— { Clarence Dias.  
 { Florence Falconer.
- 34—Elsie Ledrew.
- 35—John O'Callaghan.

- 36—Beatrice Fader.  
 37—Lillie Hagel.  
 38—Ida Brison.  
 39— { Beatrice Fraser.  
       { Margaret Dumaresq.

*Supplementary.*

- 40—Mamie McLeod.

**COLCHESTER.**

- 1—Elsie Brownell.  
 2—Sadie Moran.  
 3—Emma Creelman.  
 4—Douglas Crowe.  
 5—Lucy Crowe.  
 6—Faye Gordon.  
 7—Helen Layton.  
 8— { Philip Hallisley.  
       { Kaye Wilson.  
 9— { William Blair.  
       { Jamie Gourley.  
 10—Blair Nichols.  
 11—William Doane.  
 12—Elsie Waller.  
 13—Earl Dickie.  
 14—Clair McLellan.  
 15—Gordon McGee.  
 16— { Blaikie Campbell.  
       { Ollie Fulton.  
 17—Walter Dickie.  
 18— { Katie Archibald.  
       { McGregor Layton.  
       { Maud Lynds.  
 19—Frank Christie.  
 20—Alice Ross.  
 21—Fred Hefferman.  
 22—Grace Cox.  
 23—Bessie Edwards.  
 24— { Arnold Blackburne.  
       { Eleanor Smith.  
 25—Edna Munsey.  
 26— { Ruby Bryson.  
       { Aileen Henderson.  
 27—Roy Dickson.  
 28—Arthur Casson.  
 29—Percy Henderson.  
 30—Gwenie Purdie.  
 31—Hugh Blackmore.  
 32— { William Louther.  
       { Myrtle McCallum.  
 33—Libbie Lynds.  
 34—E Pearson.  
 35— { Minnie Henderson.  
       { Fred Rennie.  
 36—Frances Crowe.  
 37—Boyd Cox.  
 38— { Russell McKenzie,  
       { Charles Waite.  
 39—Joseph Gasper.  
 40—Elinor Bryson.  
 41— { James Kelly,  
       { Isabel Waite.  
 42—Edna Spencer.  
 43—Sadie McIntyre.

- 44—Walter Stick.  
 45—Teresa Robbins.  
 46— { Adams Bruce,  
       { Alice Whidden.  
 47— { Willard McLeod,  
       { Fred Smith.  
 48—Andrew Christie.  
 49—Maynard McCurdy.

**CUMBERLAND.**

- 1—Arthur W Rogers.  
 2—Elizabeth Milner.  
 3— { Rachel G McKim,  
       { Lionel Harold Bent.  
 4—Agnes Alice Travis.  
 5—Winnie Collins.  
 6—Ella Irene Allaby.  
 7—Nellie E Tait.  
 8—Lennie M. Limby.  
 9— { William M Rogers,  
       { Ruby M Smith.  
 10—Mildred Ripley.  
 11—Osborne Alfred Scott.  
 12—James McDonald.  
 13—Evelyn Aubrey Beattie.  
 14—Ottie Austen Silliker.  
 15—Della Lillian Horton.  
 16—Lillia Lavinia Fage.  
 17—Georgia Leeman.  
 18—Lloyd Sutherland Baird.  
 19—Harold David Adamson.  
 20—Aubrey Adam Johnston.  
 21—Sadie Olivia Tait.  
 22— { Addie Alfretta Porter.  
       { Lillian Emma Rackham.  
 23— { Olive Maude Carroll,  
       { Maggie Selena Fortune.  
 24—George Moody Pugsley.  
 25—Phosa Leone McNeil.  
 26— { Eva Grace Hunter,  
       { Mildred Alice McAdam.  
 27—Arthur Welsford Brinton.  
 28— { Fletcher Thomas Coates,  
       { Mina Alberta Smith.  
 29—Roland Hill Chapman.  
 30—Vaughn Nathan Hoeg.  
 31—Annie Dernier.  
 32— { Lena Legore,  
       { Mary Hazel Nicol.

*Supplementary.*

- 33—Dora Blenkhorn.  
 34—Mabel Fortune.  
 35—Mary Parker.  
 36—Lillian Anderson.  
 37—Villa Baker.  
 38—Audrey Lusby.  
 39—Electa McGilashing.  
 40—Gladys M Baird.

**DIGBY.**

- 1—Clare Bancroft.  
 2—Leland Young.  
 3—Ralph Winchester.

- 4—Harold Carty.
- 5—Rene Young.
- 6—Harold Waive.
- 7—Gretchen Churchill.
- 8—Frances Bonnell.
- 9—Darcy Roop.
- 10—James Walsh.

**GUYSBORO.**

- 1—Annie Bell Worth.
- 2—William Rufus Gould.
- 3—Gertrude Josephine McGuire.
- 4—Celia Eva Horton.
- 5—Bessie Lillian Scott.
- 6—Clara Edna Marion Scott.
- 7— { Sadie Laurie Murphy.
- { Annie Odessa Murphy.

**HALIFAX.**

- 1—Florence Evans.
- 2—Isabel Creighton.
- 3—Ralph Allison Hendry.
- 4—Ethel Lloyd Dunbrack.
- 5—Clara Nichols.
- 6—Allan Foster Boutilier.
- 7—Karl Johnson.
- 8—Ruth Maria Christie.
- 9—Jessie Stone.
- 10—Thomas Melton Hayes.
- 11— { Edna Crook.
- { Nellie Collins Fultz.
- 12—Grace Ernst.
- 13—Elizabeth Dawes.
- 14—Arthur Hill.
- 15—Howard Thomas Christie.
- 16—Margaret Keddy.
- 17—Eleanor Hanson.
- 18—Ernest McColough Moir.
- 19—Glenn Keeler.
- 20—Annie Webber.
- 21—Bertha Lesser.
- 22—Daisy Ernestine Maynard.
- 23—Arthur Wisdom.
- 24— { Charles Joseph Roche.
- { Mary Hazel Smith.
- { Harry Gordon Bowes.
- 25— { Katherine Wark Moir.
- { Percy Woodworth.
- { Sydney Langille MacLean.
- 26—Bessie O'Neill.
- 27—Ethel Hilda Dexter.
- 28—Edith Mary Monaghan.
- 29—Reginald Alfred Butler.
- 30—Adolphus Truet.
- 31—Murdoch Donald Campbell.
- 32— { George Edward Luke.
- { Edith Noonan.
- 33—Gerald Gladwin.
- 34—J Irene Pace.
- 35—Violet May Prescott.
- 36—Bertha Condran.
- 37—Alfred Roy Aarestrup.
- 38—Evelyn Raymond Gerow.
- 39— { Jennie Hunt.
- { Colin Innes.

**HANTS.**

- 1—Madge Marshall.
- 2—Annie Wright.
- 3—Hilda LeCain.
- 4—Hilda Shaw.
- 5—Madge Morrison.
- 6—Winnie Philips.
- 7—Violet Reid.
- 8— { Edith Kilcup.
- { George Lockhart.
- 9—Lily Smith.
- 10—Jean Shand.
- 11—Percy Chisholm.
- 12—Bessie Graham.
- 13—Whitman Brown.
- 14—Martin Rafter.
- 15—Roy Dill.
- 16—Blanche Bissett.
- 17—Lloyd Brown.
- 18—Ethel Baird.
- 19—Charles Martin.
- 20—Beatrice Bissett.
- 21—Harold Baird.
- 22—Mildred Dill.
- 23—Ralph Manning.
- 24—Grace Jenkins.
- 25—Eva Hayes.
- 26—Hazel Shaw.

**INVERNESS.**

- 1—Sarah Rebecca Smith.
- 2—Joseph Beaton.
- 3—Ellen Ada Watts.
- 4—Sidney Earl Smith.

**KINGS.**

- 1— { Evangeline Ward.
- { Jack Chipman.
- 2— { Claude Parker.
- { Will Hiltz.
- 3—Dorothy Harrington.
- 4—Gordon King.
- 5—Effie Redmond.
- 6—Ralph Eaton.

**LUNENBURG.**

- 1—Jennie Knickle.
- 2—Clara Holder.
- 3—Basil Geldert.
- 4—Hazel Hiltz.
- 5—Gladys Smith.
- 6— { Debbie Love.
- { Lilla Hirtle.
- 7—Ruby Kaulback.
- 8—Lettie Feener.
- 9—Orah Young.
- 10— { Harris Eisenhauer.
- { Amy Wilson.
- 11— { Hilda Heisler.
- { Bradford Berringer.
- 12—Maude Townshend.
- 13—Byron Walters.
- 14—Evelyn Kinley.

- 15—Mildred Corkum.
- 16—Roy Whynacht.
- 17—Hilda Myra.
- 18—Joe Hebb.
- 19—William Smith.
- 20—Herbert MacDonald.
- 21—Hilda Mosher.
- 22—Blanche DeCoursey.
- 23—Court Wilson.
- 24—Everett Knickle.
- 25— { Christie Allen.  
Roy King.

**PICTOU.**

- 1—William E Harris.
- 2—Raymond D Stiles.
- 3—Brian M Knight.
- 4—John McKenna.
- 5—Neil Currie.
- 6—Susan R McQueen.
- 7—Jean English.
- 8—Mary O Clark.
- 9—Helen Hurst.
- 10—John Stevenson.
- 11—Katie Bryenton
- 12—John Deveau.
- 13—Cornelia McPherson.
- 14—Elizabeth C Reid.
- 15—Prescott Fulmore.
- 16—Eva E Chisholm.
- 17—Myrtle M Jollota.
- 18—Jack Murdoch.
- 19—Milton G Smith.
- 20—Bessie McMillan.
- 21—Edna M English.
- 22—Catherine C Forrester.
- 23—Ruth McL Chisholm.
- 24—James D B Fraser.
- 25— { Jean Atkins.  
Isabel R Thompson.
- 26—Berta Murray.
- 27— { Netta Carson.  
Alberta Atkins.
- 28—Wallace Murdoch.
- 29—Pauline Wright.
- 30—Mabel Putnam.
- 31—Donald P Fraser.
- 32—Minnie McDonald.
- 33—Gladys King.
- 34—Phoebe Little.
- 35—Stuart Arbuckle.
- 36— { Ollie Pope.  
John Grattan.
- 37— { Eliza A H Foster.  
Cora Alice Atkins.

**QUEENS.**

- 1—Mary Elizabeth Hagan.
- 2—Annie Veronica McGuire
- 3—Fred Clements.
- 4—Ronald McLeod.
- 5—Lillian Viola Chandler.
- 6—Daniel McLeod.
- 7—Elsie Dexter.
- 8—William Cowie Spurr.

- 9—Lulu Hilda Hagan.
- 10—Muriel Gamage.
- 11—Than Hammett.
- 12—Robert Godfrey.

**RICHMOND.**

- 1—Francis J. Murphy.
- 2—Margery Bissett.
- 3—Claude McAskill.
- 4—Lena May Beaver.

**SHELBURNE.**

- 1—A Augusta Bruce.
- 2—Lawrence A Bower.
- 3—Theresa Devine.
- 4—Nellie M Irwin.
- 5— { Mary M Walls.  
Harry R Thorbourn.
- 6—Andrew T Bower.
- 7— { George E Miller.  
Margaret R Corbett.
- 8— { Arthur G Pentz.  
H. Lucretia Grovestein.
- 9—Myrtle McKay.

**VICTORIA.**

- 1—George MacKenzie.
- 2—Henry Blanchard.
- 3— { Marjorie Crowdis.  
Annie Blesedell.
- 4—Christie McLeod.
- 5—Mary Macdonald.
- 6—Tena McIver.
- 7—Jean McKay.
- 8—John Morrison.
- 9—Nellie Macdonald.
- 10—Bessie MacAskill.
- 11—Elsie Buchanan.
- 12— { Christina McIver.  
Sarah McNeil.

**YARMOUTH.**

- 1—Syretha Vivian Crosby.
- 2—Annie Louise Ricker.
- 3—William Arthur Porter.
- 4—Floris Durkee.
- 5—Jessie Elsinora Crowell.
- 6—Lincoln Chase Lovitt.
- 7—Earle Denton.
- 8— { Nellie Mae Doucette.  
Luella Trask.
- 9—Carl Fuller Coggins.
- 10— { Irwin Cahan Doty.  
Hubert Bradford Vickery.
- 11—Eugene Lock Kempton.
- 12—Pollie Patten.
- 13—Florence Rose Hilton.
- 14—Catherine Emma Crowell.
- 15—Edward John Saulnier.
- 16—Bertha Matilda Foote.
- 17— { Evelyn Antoinette Perry.  
Evelyn Marion Wetmore.



- 18—Susan Mildred Cook.
- 19— { Joseph Collins Potts.
- { Hector William Lovitt.
- 20—Mabel Pitman Murphy.
- 21—Willard Kelly Parker.
- 22— { Marion Victoria Pitman.
- { Bradford Herman Wetmore.
- 23—Isabelle Purney Churchill.
- 24—Clarence Herman Wyman.
- 25—Charles Stanley Morrill.
- 26— { Charles McJunkin Pettet.
- { Ada Josephine Crosby.
- 27—Amy Eulalia Dalton.
- 28—Hilda May Allen.
- 29—Earle Fritz.
- 30—Harold Scott Trefry.
- 31—Helen May Larkin.
- 32—Gladys Elva Morrill.

- 33—Kenneth A Larkin.
- 34—Marion Chaberon Cooke.
- 35—Harry Keith Bain.
- 36— { Margaret Blanche Pendrigh.
- { Edwin Bailey Herkes.
- 37—Wm. Russell Meissner.
- 38—Josephine Pettet.
- 39—Ellen Churchill.
- 40—Arthur Huskins.
- 41—Ruth Hazel Tedford.
- 42—Ethel Rose Noble.
- 43—Norna Harry Horner.
- 44—Blanche Phebe Porter.
- 45—Kenneth Lovitt Burrill.
- { Myrtle Vera Trefry.
- 46— { Emma Belle Whitehouse.
- { Clive Almon Suttie.
- { Leslie Hervey Trefry.

# PASS LIST, 1907

## PROVINCIAL HIGH SCHOOL EXAMINATION

[The valuation of Candidates' examination papers is made by the Provincial Examiners according to the Regulations of the Council of Public Instruction.]

REG. 91. To make a "High School Pass" on Grades IX, X, and XI, the candidate must make, at least, the *minimum aggregate* (400) of the grade on not less than six papers with no subject below 25.]

REG. 92. To make a "High School Pass" on Grade XII, the Candidate must make at least, the *minimum aggregate* (1000) on the subjects prescribed, with no subjects below 25.

A candidate who makes an aggregate of 600 on any ten papers of Grade XII, and makes, at a subsequent examination, an average of at least fifty per cent. on each of the required papers on which a pass of fifty was not previously made, or who makes an aggregate of 1000 on twenty papers of the Syllabus, or who has already taken a XII (cl), or XII (sc), or an "A" license, may thereafter present himself for examination on any of the subjects on which he may not have made, at least, 50 per cent. at a previous examination; and so long as the Council of Public Instruction deems the character of the examinations on the subjects not materially changed, all the valuation marks 50 per cent. or above made on each subject at the said and following examinations may be incorporated into a single certificate, provided, at least, 50 per cent. be made on each of the (twenty) subjects required for the Grades XII (cl), or XII (sc), or on each of the (thirty) subjects in the full course for XII (cl. and sc.).

REG. 93. Candidates failing to make a pass in the grade applied for may be ranked as making a pass in the next grade below, provided 75 per cent. of the *minima* be made; and as making a pass on the grade second below, provided 50 per cent. of the *minima* be made.

(See comments and regulations of the Council of Public Instruction, "Provincial Examination of High School Students." Reg. 82 to 96, pages 86 to 90. Manual 1901.)

**ADVOCATE** - (27 candidates).

XI. (4 candidates).

Emily Dewis Spicer.....	443	XI
Ruby Evernia Atkinson.....	439	"
Guy Eldridge Cameron.....	420	"

X. (11 candidates).

Myrtle Antoinette Atkins.....	335	XI
Emily Wilson Cameron.....	503	X
Anita Merle Elderkin.....	461	"
Jean Wilena Spicer.....	456	"
Freda Augusta Jean Elderkin.....	445	"
Muriel Beatrice Sheridan.....	432	"

(IX. 12 candidates).

Nettie Mabel Murphy.....	391	X
John Claude Turple.....	373	"
Stanley Lawson Fraser.....	370	"
Roxie Alena Welsh.....	384	"
Victor Hubert Turple.....	531	IX
Crandle Prescott Nodwell.....	525	"
Rose Elizabeth Knowlton.....	485	"
Elaine Aida Sutherland.....	477	"
Nellie Ransome McLellan.....	455	"
Wilder Cleveland Moore.....	449	"

Lorena Annie Spicer.....	446	"
Mayzod Burgess Morris.....	431	"
Unsuccessful (2 X, 5 IX).....	7	

**AMHERST** -- (121 candidates.)

XII. "Partial" (1 candidate).

Fred Garland Morehouse (passed in 21 out of 21 subjects).....	XII Sc.
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XI. (23 candidates).

Joshua Denovan Jones.....	744	XI
Jean Emeline McGregor.....	701	"
Charlotte Amelia Smith.....	675	"
George Edward Rackham.....	598	"
Willena Sinclair.....	576	"
Herbert LaMert Daniel.....	564	"
Burpee Clair Churchhill.....	563	"
Charles Alpin Denkin.....		
Beatrice Elizabeth Nicol.....	524	"
Helen Gladys Harper.....	523	"
Ethel Mary Shipley.....	518	"
Adelia Dickinson McKim.....	495	"
Helen Margaret McLeod.....	478	"
Charles Michael Brown.....	473	"
John Stanley Thompson.....	448	"
Harriet Adelia Parsons.....	443	"
Leland Harold Black.....	429	"
Edith Sara Glennie.....	427	"

X. (35 candidates).

Mary Alice Black	396	XI
Samuel Seymour Skinner	376	"
Elva Gertrude Hennessey	350	"
Lelia Gertrude Melanson	318	"
Sadie Ellen Shipley	309	"
Mary Isabelle Davidson	841	X
Bertha Jean Murray	775	"
Mona Tulloch Bonnyman	703	"
Jennie Lillian Willis	693	"
Jean Gladys Campbell	676	"
Chester Arthur Pugsley	662	"
Thomas Murray Willet	658	"
Murdoch Robb MacGregor	615	"
Harry Smith Bird	584	"
Mary Francis Ratchford	579	"
Marguerite Ernestina Brown	577	"
Edna Irene Lightbody	527	"
Hazel Matilda Black	510	"
Wallace Stanley Loring	499	"
Elsie Elizabeth Bird	498	"
Alberta Myrna McCullum	495	"
Ada Gertrude Tuttle	494	"
Grace Anna Barnes	490	"
Donna Lorelei Somers	488	"
Harry Vincent Brown	473	"
Wilfred Jamieson Ripley	466	"
Mabel Lena Lawrence	466	"
Annie Isabel McMann	439	"
Helen Jean Campbell	426	"
Gladys Amelia Thompson	425	"
Jennie Ripley	411	"

IX. (55 candidates.)

Freida Hope Christie	396	X
Charles Allison Fowler	386	"
Arthur Lawrence Pugsley	385	"
Nellie Ermina Donkin	362	"
Ethel Ruth Trueman	351	"
Earle Lester Hoeg	325	"
Lawrence Edward Osmond	671	IX
George Hunter Morrison	657	"
Vaughan Demille Lowerison	634	"
Myrtle Tempest Skinner	626	"
Colin Blair	572	"
Bernard Thomas Nicol	567	"
Donald Rice Munro	554	"
Evan Douglas Craig	528	"
Jean Elizabeth Thompson	528	"
Lottie Eva Poole	518	"
Lillian Etta Black	517	"
Alfred William Murdock	504	"
Fred Cole	489	"
Oliver Embree Pipes	479	"
John Chesley Foran	478	"
Annie Allaby	467	"
Annie Elizabeth Read Blenkhorn	461	"
Ethelyn Mary Christie	460	"
Hazel Marion Harper	457	"
Ruby Tennyson Smith	454	"
Geneva Beatrice Schurman	446	"
Fretia Marie Freeman	446	"
William George Archibald	436	"
Isabel Russell Morse	444	"

Gerald V Johnson	}	..... 442	IX
Flora Bell Beaton			
Gertrude Eandella Mitchell			
Hazel Una Towse		436	"
Margureta Mary Adamson		408	"
Jean Clinton Brundage		407	"
Unsuccessful (3 X, 25 IX), 28 candidates.			
Supplementaries only, 5 candidates.			

ANNAPOLIS.—(73 candidates).

XI. 15 candidates.

Harold Atlee	910	XI	
Mabel Evelyn Magee	734	"	
William Alfred Pickup	539	"	
Eleanor Esmond McCormick	534	"	
Edna Matilda Wade	479	"	
Zilpha Amanda Wagner	}	475	"
Clyde Allison Gilliatt			
Anna Atlanta Calnek	461	"	
Samuel Pickup	416	"	
Alice Evelyn Thorne	413	"	
Mary Woodbury Balcombe	411	"	

X. (19 candidates.)

Georgie Edna Armstrong	390	XI
Mary Esther Gilliatt	376	"
Judson Woodworth Eaton	374	"
Hazel Irene Gibson	368	"
Harris Garnet Patton	557	X
Harold Stanway O'Dell	556	"
Gordon Alexander Blackie	482	"
Catherine Inglis Gormley	481	"
Lulu Alberta Simpson	449	"
Annie Stephens Whitman	438	"
Josephine Horton McKay	410	"
Leo Maurice Baxter	401	"

IX. (35 candidates.)

Flora Rosamond Dondale	389	X	
Eliza Grace Sanders	387	"	
Carrie Muriel Whitman	371	"	
Lillian Ruth Hicks	370	"	
Earle Alexander Kinley	367	"	
Josephine Louis Spurr	355	"	
Violet Burbidge Hervey	353	"	
William James Lucan	343	"	
Lena May Jackson	335	"	
Edith Despard McCormack	671	IX	
Annie Reckwith Redding	636	"	
Bessie Buena Miller	601	"	
Karl John Bishop	596	"	
Florence May Ritchie	571	"	
Paul Everet King	553	"	
Mary Hilda King	550	"	
Grace Hamilton Willett	523	"	
Alfred Norman Roop	509	"	
Nellie Margaret Atlee	485	"	
Lulu Belle Withers	445	"	
Dora Mildred Thomas	}	436	"
Ada Maria Woodbury			
Charles Morton Dunn	421	"	
Charles Stuart Gilliatt	400	"	

Unsuccessful (2 X, 20 IX) 22  
Supplementaries only (4 candidates).

**ANTIGONISH.**—(150 candidates).

## XII. (4 candidates).

Martin Joseph Wallace.....	1375	XII cl.
Janie Agnes Chisholm.....	1338	" sc.
Anna Regina McPhee.....	1146	" "

## XII. "Partial" (4 candidates).

Ida Tompkins (passed in 30 out 30 subjects).....	2005	XII sc. & cl.
Anna Elizabeth McLeod (passed in 30 out of 30 subjects).....	1847	XII sc. & cl.

## XI. (17 candidates).

Mary Macdonald.....	694	XI
Ioline Alice McSweeney.....	680	"
Mary Grace Blagdon.....	658	"
John Roderick Macdonald.....	626	"
Annie Josephine McLennan.....	619	"
Mary Alvina Beranger.....	613	"
Christine Ann Cameron.....	601	"
Marion Jane Taylor.....	553	"
Mary Rose McGillivray.....	536	"
Margaret J. Macdonald.....	484	"
Stella McArthur.....	505	"
Elizabeth Campbell.....	497	"
William Joseph McNeil.....	490	"
Margaret Gillis.....	488	"
John Duncan McInnis.....	426	"

## X. (39 candidates).

Wilfred Aloysius McKeough.....	392	XI
Velma Purvis Cunningham.....	752	X
Florence Forbes.....	648	"
Nettie Mildred MacEachren.....	306	"
Stella Marion Strople.....	567	"
Christina Chisholm.....	557	"
Sadie MacEachren.....	554	"
Rebecca Christina McKenzie.....	549	"
Helen Margaret Hayden.....	533	"
El'a F. Poole.....	530	"
Mary Gowan.....	515	"
Jean Eliza Chisholm.....	510	"
Edith Jean MacGregor.....	499	"
Margaret Gillis.....	480	"
Bessie Ann MacNaughton.....	475	"
Jeanette MacArthur.....	472	"
Christina MacKinnon.....	465	"
Frederick William McInnis.....	430	"
John Francis McLean.....	430	"
May Mombourquette.....	432	"
Florence May McDougall.....	429	"
Anna Bella Macdonald.....	420	"
Mary Wilmot.....	413	"
Jennie Cameron.....	402	"

## IX. (80 candidates).

Colin Chisholm.....	307	XI
Mamie Gillis.....	398	X
Nora Josephine McNeil.....	894	"
Remi Fougere.....	392	"

William R. Levandier.....	388	XI
Gladys Ernestine Strople.....	384	"
Hazel Dorothy Hulbert.....	374	"
Mary Catherine Macdonald.....	366	"
Margaret Estella Crispo.....	357	"
Margaret Ann Chisholm.....	354	"
William Wallace McDougall.....	350	"
Lily Evelyn Cook.....	336	"
Nellie Jane Sinclair.....	605	IX
Mary Ellen O'Brien.....	589	"
Mary Ann Macdonald.....	581	"
George Thomas Somers.....	572	"
Sarah Josephine Cameron.....	571	"
Eddie Alex. Chisholm.....	561	"
Lena Charlotte Harrington.....	551	"
Mary A. Gillis.....	546	"
Josie Donovan.....	530	"
Annie Jean Inglis.....	528	"
Lilian Prowse.....	522	"
Violet M. Turnbull.....	509	"
Raymond Duncan Chisholm.....	490	"
Alexander Dan Baxter.....	483	"
Margaret Fraser.....	473	"
Angus Bernard Macdonald.....	462	"
Mary Hilda Purcell.....	448	"
Mary Ann McIsaac.....	437	"
Edith Millidge.....	435	"
Minnie McGillivray.....	434	"
Michael Clarence Connors.....	433	"
Mamie Forrestall.....	426	"
Lena Cunningham.....	421	"
Anastasia Leydon.....	416	"
Laura Belle Macdonald.....	414	"
Bessie Jerusha Gillis.....	412	"
Elizabeth McEachern.....	409	"
Supplementaries only (6 candidates). Unsuccessful (1 XII, 2 XII partial, 5 X 53 IX).		

**ARICHAT.**—(27 candidates).

## XI. (8 candidates)

Sr. Marie St. Firmine.....	765	XI
Sr. St. Stephen.....	584	"
Henry Leo Gagnon.....	535	"
Donald Clancy Barrett.....	529	"
John Daniel McKay.....	517	"
Charles Stanley Malzard.....	429	"

## X. (5 candidates).

Lena Manger.....	319	XI
Stephane Anne Brinck.....	733	X
Raoul Alphonse Brinck.....	727	"
Andrew Alphonse LeBlanc.....	411	"

## IX. (13 candidates).

Sr. Margaret Mary.....	235	XI
Everett John Nicoll.....	367	X
Morton Shaw Binet.....	357	"
Simon Mury.....	589	IX
Marie Marguerite LeBlanc.....	525	"
George William Etienne.....	483	"
Marie Lillia Vigneau.....	445	"
Evangeline Gagnon.....	416	"

Mary Louise Etienne ..... 414 IX  
Irene Honora Boutin ..... 403 "

Supplementary (1 candidate).

Unsuccessful (6 IX).

**BADDECK.**—(72 candidates).

XI. (10 candidates).

Emeline Laura MacKenzie ..... 465 XI  
Marguerita Charlotte McAulay ..... 425 "  
Neil Macneil ..... 418 "  
Murdoch Dan MacLeod ..... 411 "

X. (36 candidates).

Peter McAulay ..... 381 XI  
Ethel Bessie Campbell ..... 374 "  
Florence Lena MacLeod ..... 359 "  
John Hamilton Gordon Bethune ..... 507 X  
Janet Forbes Rose ..... 500 "  
Annie Margaret MacLeod ..... 495 "  
Annie Cornelia Anderson ..... 494 "  
Kenzie K. MacRae ..... 478 "  
Belle Catherine MacLeod ..... 436 "  
Violet Rose ..... 429 "  
Annabel Mabel Ross }  
Katie Ann Macdonald ..... 428 "  
Rachel Florence MacDermid ..... 416 "  
John Lewis Rose ..... 412 "  
Mary Annie MacGregor ..... 410 "  
Fannie Fraser MacKay }  
Maggie Catherine MacLeod ..... 408 "

IX. (24 candidates).

Susie Marie Campbell ..... 308 XI  
John M. McNeil ..... 307 "  
Macintosh MacLeod ..... 259 "  
Louise Claudine MacIver ..... 396 X  
James Fraser McAulay ..... 393 "  
Katie Campbell ..... 388 "  
Johnina Morrison ..... 387 "  
John Philip MacLeod ..... 386 "  
Sadie Kathryn McLennan ..... 382 "  
Margaret Rachel McLennan ..... 380 "  
Mary Ann MacIver ..... 376 "  
Margaret May Morrison ..... 364 "  
Minnie Bell MacMillan ..... 350 "  
Katherine MacLeod ..... 349 "  
Carrie Gladys Anderson ..... 347 "  
Sam Watson MacDonald ..... 342 "  
William Henry MacKay ..... 320 "  
William Ross Macaskill ..... 302 "  
Stanley MacDonald ..... 619 IX  
Annie Margaret Watson ..... 549 "  
Louise Fraser Crowdis ..... 508 "  
Belle Catherine Sellon ..... 466 "  
Flora Ann MacDonald ..... 463 "  
Willena Ross MacGregor ..... 459 "  
Mary Jane Buchanan ..... 449 "  
Maggie Buchanan ..... 419 "  
Esther Arsenault ..... 415 "

Supplementaries (2 candidates).

Unsuccessful (7 X, 15 IX).

**BARRINGTON.**—(56 candidates).

XI. (5 candidates).

X. (20 candidates).

Pearl Vaughan Brannen ..... 414 XI  
Mildred Louise Wilson ..... 338 "  
Lillian Adalta Swimm ..... 332 "  
Goldie Gertrude Nickerson ..... 642 X  
Lottie Genesta Brannen ..... 624 "  
Mildred Dempey Nickerson ..... 622 "  
Matilda Anne Nickerson ..... 504 "  
Wilfred Roy Crowell ..... 495 "  
Ruby Violet Brannen ..... 485 "  
Wilfred Learned Larkin ..... 444 "  
Olin Edman Priestwood ..... 441 "  
Genevieve Bathalia Thomas ..... 434 "  
Maggie Inez McGuire ..... 433 "  
Anita Wallace Hopkins ..... 430 "  
Ada Genesta Doane ..... 424 "  
Emma Maude Homer ..... 423 "  
Gladys Hope Hines ..... 412 "

IX. 25 candidates.

Berlina Ellen Perry ..... 258 XI  
Beulah Benton Ross ..... 249 "  
Nellie Austena Goreham ..... 390 X  
Lloyd Milford Snow ..... 382 "  
Ruth Mildred Nickerson ..... 368 "  
Ethel Mae Powell ..... 305 "  
Edith Mae MacDonald ..... 516 IX  
Jane Glen Allan Robertson ..... 489 "  
Alice Marion Adams ..... 475 "  
Dorothy Alison Doane ..... 468 "  
Archie Gordon Wilson ..... 461 "  
Mary Emma Atkinson ..... 453 "  
Ada Mildred Morrissey ..... 427 "  
Elsie Chute Black ..... 424 "  
James Albert Harding ..... 420 "

Supplementaries (6 candidates).

Unsuccessful (2X, 16 IX).

**BEAR RIVER.**—(53 candidates).

XI. (13 candidates).

Josephine Marshall Clark ..... 578 XI  
Earle Caleb Phinney }  
Myrtle Josephine Robbins } ..... 455 "  
Gladys Clarke ..... 453 "  
Walter Freeman Ruggles ..... 446 "  
Harold Payson Crouse ..... 419 "

X. (14 candidates).

Lina Maud Mullon ..... 385 XI  
Isaac Venning Kniffin ..... 384 "  
Beatrice Harriet Dunn ..... 342 "  
Annie Stewart Miller ..... 340 "  
Ralph Nelson Harris ..... 336 "  
Annie Louise Clark ..... 562 X  
Esther Maud Simpson ..... 489 "  
Stewart Inglis Robinson ..... 462 "

Hattie Benson Reed	453	XI
Annie Barlow Ruggles	449	"
Birdie Pauline Brinton	447	"
Mildred Louise Adams	428	"
Richard Gladstone Clark	404	"

IX. (19 candidates).

Grace May Purdy	290	XI
Ethel Linda Rice	276	"
Eva Eunice Woodworth	368	X
Harry Chester Anthony	345	"
Winnifred Maude Chute	339	"
Estella Hazel Croscup	327	"
Hazel Viva Purdy	318	"
Katherine Corinne Read	315	"
Effie McCoy Potter	638	IX
Susan Gertrude Snell	503	"
Guy Kinsman Adams	467	"
Delta Grace Kennedy	454	"
Neta Alice Rice	448	"
Mary Elizabeth Potter	424	"
Marion Florence Spurr	411	"
Pauline Ruth Kniffin	410	"
Helen Victoria Ford	409	"
Mary Leatitia Campbell	402	"

Supplementaries (7 candidates).

Unsuccessful (9 IX).

**BERWICK.**—(76 candidates).

XI. (17 candidates).

Elizabeth Helen Reade	507	XI
Carrie Myrtle Crouse	457	"
Hollis Bowman Chute	476	"
Henry Hoyt Pineo	463	"
Fanny Marguerite Whitman	457	"
Harlan Fulton Keddy	410	"

X. (86 candidates).

Emma Sanford Lydiard	387	XI
Ida Belle Pineo	386	"
Charlie Sanford Raymond	368	"
Bernard Woodworth Skinner	365	"
Harry Keith MacMahon	360	"
Lucy Amanda Illsley	343	"
Harriet Maude Raymond	342	"
Sadie Ethel Hall	308	"
James Lorimer Illsley	639	X
Grace Kathleen Skinner	531	"
Horace Ray Bishop	530	"
Zephina Blanche Chute	509	"
Frank Foster Chute	500	"
Erle Eli Eisenhauer	492	"
Iola Jean Munroe	487	"
Hilda Blanche Bowles	467	"
Hattie Belle Dorey	463	"
Gyneth Ezell Chute	453	"
Gertrude Winnifred McMahon	449	"
Mason Royal Costley	433	"
Mary Eliza Patterson	418	"
Florence Ruby Lee	416	"
Gertrude Ogilvie	405	"

IX. (28 candidates).

Anderson Charles Parker	293	XI
John Harold March	215	"
Nathalie Hill	394	X
David Albert Webster Bowles	390	"
Idella Mapplebeck	387	"
Earle England Spicer	384	"
Merinda Robena Sawler	381	"
Burpee Ashton Palmer	362	"
Grace Lulu Margaret Lutz		
Carrie May Lutz	326	"
Laura Vale May Blackburn	530	IX
Florence Beatrice Holland	521	"
Grace Margaret Lyons	513	"
Charles Preston Illsley	460	"
Gladys May Charlton	459	"
Sylvia Hollie Morse	458	"
Ella Cook Hall	443	"
Nina Annie May Marshall	414	"

Supplementaries (5 candidates).

Unsuccessful (1 XI, 3X, 20 IX).

**BRIDGETOWN.**—(95 candidates).

XI. (19 candidates).

Stanley John Hall	589	XI
Jennie McGeorge Fellows	581	"
Eva Elizabeth Graves	508	"
Ross Ashley Bishop	485	"
Rhoda Mills Bent	469	"
Charles Fisher Parker	464	"
Laura Hall Graves	463	"
Lamert Stevens Whinyard	451	"
Flossie Henrietta Chute	450	"
Stewart Edwin Leonard	428	"
Emma Whiston Chipman	409	"
Nina Merle Fiske	401	"

X. (38 candidates).

William DeBlois Brown	383	XI
Jessie Inez Bowly	366	"
Hilda Marion Longley	363	"
Eva Minerva Daniels	345	"
Ella Florence Longley	337	"
Minnie Verma McNayr	307	"
Fred Young Craig	628	X
Robert Roberts	582	"
Arthur Garfield Whitman	570	"
Annie Laurie Mack	558	"
Johnson Corbett Beardsley	540	"
Harry LeMoine Ruggles	538	"
Arthur Camber Dodge	499	"
Ethel Parker Phinney	485	"
Horace Walton Bishop	483	"
Laura Winnifred Hall	472	"
Sydney Boyle Fay	466	"
Robie Hastings Young	465	"
Etta Blanche Bishop	452	"
Eva Henrietta Gilliatt		
Mary MacKay Palfrey	451	"
Josephine Margaret Sulter	445	"
Fred Young Marshall	433	"
Annie Mildred Phinney	423	"
LeRoy Elder Balcom	414	"
William Firth Balcom	409	"

IX. (32 candidates.)

Flora Christine Longmire.....	208	XI
Viola Batton Whitman.....	399	X
Boyd Elliott Chute.....	385	"
Charles Linwood Miller.....	380	"
Reginald Allison Longley.....	370	"
William Reginald Bishop.....	365	"
Blanche Jeanette Bent.....	360	"
Hilda May Atkins.....	341	"
Albert Edward Longley.....	324	"
Wilfred T B Baker.....	322	"
Gladys Inogene Simpson.....	308	"
Robert Erskine Healy.....	300	"
Fannie Clifford Tupper.....	510	IX
Beatrice Eugenie Troop.....	493	"
Parker Howard Munro.....	469	"
Johnstone William Starratt.....	466	"
Carman Lamert Langille.....	464	"
Mary Alice Bent.....	462	"
Harlen Howard Phinney.....	447	"
Alberta Mae Sweet.....	419	"
Lottie Claire Parker.....	400	"

Supps. only (6 candidates.)

Unsuccessful (7 X, 23 IX.)

**BRIDGEWATER**—(93 candidates.)

XI, (8 candidates.)

James Howard Jefferson.....	548	X
Bessie Louisa Hall.....	490	"
Dena Evelyn Snyder.....	453	"
Jessie Beatrice May Smith.....	408	"
Florence Evelyn Publicover.....	403	"

X, (39 candidates.)

Ethel Leone Marryatt.....	385	XI
Bernice Lucretia Deal.....	382	"
Minnie Ellen Jefferson.....	379	"
Gladys Ida Hirtle.....	514	XI
Fnid Cordelia Fralic.....	489	"
Hattie Evelyn Lacey.....	488	"
Sybil May Rafuse.....	456	"
Emma Adelaide Naugler.....	454	"
Myrtle Nellie Morgan.....	445	"
Florence Bell Newcombe.....	438	"
Rhoda Olivia Zwicker.....	434	"
Edith Gertrude Wentzel.....	431	"
Elsie May Boliver.....	413	"

IX. (45 candidates.)

Sadie Anne Dickie.....	391	X
Bessie Cahoon.....	390	"
Olive Doane Dolliver.....	383	"
Rhoda May Erust.....	381	"
Winnie Florella Eisenhauer.....	368	"
Agnes Alma Wynot.....	363	"
Elsie Violet Burns.....	363	"
Estella Rosamond Bailly.....	361	"
Olive Beatrice Hirtle.....	359	"
Bessie Gladys March.....	355	"
Edith Mildred Burgoyne.....	353	"

Vera Beulah Ramee.....	351	X
Vera Elvira Wentzel.....	346	"
Matilda Grace Thompson.....	344	"
Cora Alb-rtha Bailly.....	339	"
Grace Mayfield Corkum.....	332	"
Jean Kennedy MacLeod.....	332	"
Ella May Thompson.....	328	"
Georgina Mary Crouse.....	324	"
Beatrice Adelia Hebb.....	313	"
Lettie Rodenizer.....	310	"
Lela Mary Rodenizer.....	648	IX
Elva May Keddy.....	642	"
Merne Myra Frank.....	577	"
Ray Edwin Durling.....	565	"
Hilda May Feindel.....	550	"
Hilda Emma Griffin.....	523	"
Myrtle Anita March.....	517	"
Dora Dawn Wile.....	504	"
Muriel Kathleen Hilton.....	491	"
Evelyn Jean McLellan.....	487	"
Cora Pauline Jodrey.....	477	"
Gladys Alma Bates.....	471	"
Nellie Evans Hamm.....	466	"
Blanche Elizabeth Kaulbach.....	438	"
George Farrish Dolliver.....	435	"
Rita Louise Durling.....	423	"
Frederick Henry Davison.....	406	"
Vera Susan Brooks.....	404	"
Birdie Agnes Kaulback.....	} 403	IX
Hilda Maude Conrad.....		

Supps. only (1 candidate.)

Unsuccessful (8 X, 25 IX.)

**CANSO**—(28 candidates.)

XI. (9 candidates.)

Florence Ethel Kavanagh.....	506	XI
Lee Everest Boyd.....	495	"
Blanche Margaret Hurst.....	477	"
Eva Katherine Kavanagh.....	472	"
Lila Sproull.....	449	"
Mary Cleophas Munro.....	409	"
Stella Mary Meagher.....	401	"

X, (8 candidates.)

Josephine Hurst.....	396	XI
Leda Myrtle Goodwin.....	353	"
Ida Alberta Lumsden.....	651	X
Clare Caroline Hurst.....	558	"
Lena Marion Sproull.....	528	"
Agatha Amanda Johnson.....	521	"
Emond John Sproull.....	486	"
Lila May Hurst.....	417	"

IX. (10 candidates.)

Ida Blanche Richards.....	365	X
Margaret Lavina Swaine.....	319	"
Edna Hurst.....	647	IX
Clair Glendon Dunham.....	456	"
Margaret McIsaac.....	454	"

Supps. only (1 candidate.)

Unsuccessful (7 IX)

**CHESTER.**—(45 candidates).

XI. (11 candidates).

Olie Burgess Webster.....	479	XI
Louis Roland Bent.....	467	"
Alton Aubrey Bent.....	446	"

X. (11 candidates).

Albert William Whitford.....	370	XI
Annie Evelyn Bent.....	366	"
Carroll Howe Corkum.....	356	"
Bertie Melita Hennigar.....	335	"
Susie Amy Millett.....	332	"
Florence Hillard Zinck.....	318	"
Stanley Edward Whitford.....	531	X
Susie Maie Mitchell.....	528	"
Emma Sophia Oxner.....	497	"
Gertie Emily Hawboldt.....	461	"
Susie Blanche Hawboldt.....	455	"
Vera Elizabeth Robinson.....	427	"
Cecilia Olive Redden.....	410	"
Reginald Howard McMinn.....	407	"

IX. (23 candidates).

Livian May Hiltz.....	242	XI
Estella Bridget Shatford.....	232	"
Jennie Burdette Eldridge.....	386	X
Foreman Caleb Baker.....	856	"
Sidney Zinck.....	553	IX
Maude Blanche Baker.....	540	"
Jennie Florence Meisner.....	532	"
May Belle Baker.....	509	"
Rupert Murray Millett.....	504	"
John Stanley Millett.....	458	"
Myrtle Blanche Langille.....	404	"

Unsuccessful (1 X, 16 IX).

**CHURCH POINT.**—(31 candidates.)

XI. (5 candidates.)

Mary Ann Belliveau.....	629	XI
Edith Alcestes Hallett.....	519	"
Lena Maye Nowlan.....	467	"
Annie A D'Eon.....	417	"
Fannie L D'Entremont.....	401	"

X. (12 candidates.)

Marie Elina Thimot.....	585	X
Emile Joseph LeBlanc.....	557	"
Grace Lillian Ridley.....	491	"
Mary Laura Thibodeau.....	441	"
Mary Monique Thibault.....	435	"
Marie Aimie Comeau.....	424	"
Nathan Thomas Ashkins.....	422	"
Mary Catharine Saulnier.....	421	"
Leonie Ann Melanson.....	410	"

IX. (13 candidates.)

Mary Emilie Robicheau.....	392	X
Mary Amy Thibodeau.....	348	"

Lillian Maria Prouty.....	515	IX
Mary Robicheau.....	473	"
Helen Marguerite Elderkin.....	469	"

Supps. only (1 candidate)

Unsuccessful, 1 X, 10 IX.)

**DIGBY.**—(53 candidates.)

XII. "Partial," (3 candidates.)

Malcolm Kenmore Harding (passed in 20 out of 20 subjects).....	1254	XII so
Robie Washington Ford (passed in 10 out of 10 subjects).....	725	XII par

XI. (10 candidates.)

Viola Christina Hayden.....	493	XI
Nina Belle Hutchinson.....	451	"
Helen Augusta Denton.....	447	"
Ellery Gordon Dakin.....	442	"
Guy Allen Dakin.....	439	"
Flora Estella Wilson.....	433	"
Margaret Parks Urquhart.....	402	"

X. (17 candidates.)

Helen May Browne.....	385	XI
Ermina Vesta Young.....	321	"
Fulton Vaile Denton.....	574	X
Hazel Pearl Coombs.....	509	"
Alma Maude Franklin.....	501	"
Alice Maude Hatfield.....	481	"
Floris Genesta Dotey.....	478	"
Guy Fritz Denton.....	451	"
Grace Luetta Gibbons.....	449	"
Hugh Price Evans.....	437	"
Lytha Maye Dotey.....	434	"
Estella Valentine Grant.....	414	"

IX. (21 candidates.)

Mary Jane Hutchinson.....	296	XI
Alwilda Maude Outhouse.....	397	X
Delma Snow.....	396	"
Margaret Stella Raymond.....	395	"
Ruby Muriel Harris.....	339	"
Jennie May Seeley.....	326	"
Maud Danna Hutchinson.....	320	"
Ralph Douglas Russell.....	687	IX
Arthur Edward Gelling Godard.....	678	"
Gerald Vivian Bishop.....	651	"
Reginald Beresford Green.....	626	"
Lilah Gladys Boutilier.....	607	"
Elizabeth Irene Hayden.....	572	"
Claude Wetmore Bishop.....	555	"
Nellie Minerva Trevoy.....	480	"
Freda Trippe Churchill.....	475	"
Minnie Gertrude Lambertson.....	465	"
L da Louise Coleman.....	445	"
Mabel Veda Wilson.....	405	"
Susie Waters Doty.....	403	"

Supps. only (2 candidates).

Unsuccessful (1 XII "partial," 1 X, 8 IX.)



**GLACE BAY.**—(85 candidates).

XI. (5 candidates).

Clara May Sampson .....	534	XI
Jennie May Gillis .....	441	"

X. (32 candidates).

Annie McPhee .....	382	XI
Margaret Katherine McAulay .....	338	"
Annie Kerr .....	305	"
Mary Julia Gannon .....	638	X
Katherine Christina McAulay .....	611	"
Christine Veronica MacLean .....	499	"
Dorothea MacKeen .....	482	"
Margaret McIsaac .....	469	"
Lola MacDonald .....	427	"
Philip Michael Gittleson .....	423	"
Georgina McAulay Odell .....	422	"
Arthur Edwin Blackett .....	420	"
Joseph Robert Burchell } .....	417	"
Mary McNeil		

IX. (46 candidates).

May Dollena Gillis .....	398	X
Frederick William Spencer .....	391	"
John William Gannon .....	389	"
Rachel McLean .....	379	"
Christina Curry .....	370	"
Mary Elizabeth Miller .....	368	"
Florence Vivien Browner .....	366	"
Wallace Bliss McLeod .....	362	"
Alexander Ferguson .....	355	"
Loretta McNeil .....	349	"
Beatrice Curry .....	335	"
Sadie Phyllis Martell .....	313	"
Flora Kerr .....	301	"
Emma Catherine Gillies .....	595	XI
Roy Donald Stewart .....	578	"
Sarah Foran .....	555	"
Mary Elizabeth Gillis .....	537	"
Bernard MacIntosh .....	526	"
Roger Stanley McLeod .....	524	"
Elizabeth Ryerson .....	503	"
Alice Christiana McKeen .....	480	"
Mary Anne O'Connell .....	479	"
William Pottinger Cameron .....	478	"
Genevieve McDonald .....	455	"
Henrietta Josephina Modomer .....	454	"
Catherine Agnes McDonald .....	441	"
Veronica Gouthro .....	422	"
Anastasia Johnston .....	411	"
Catherine Margaret McPhee .....	408	"
William Lewis Verner .....	404	"

Supps. only (2 candidates).

(Unsuccessful (8 X, 29 IX).)

**GREAT VILLAGE.**—(88 candidates.)

XI. (10 candidates.)

Elsie Luvenia Fulton .....	635	XI
Myrtle Gertrude Lewis .....	543	"

Marion Elizabeth Roberts .....	518	XI
Susie Copp Faulkner .....	516	"
Agnes Eleanor Dawson .....	509	"
Margareta Williams .....	476	"
Annie Linda Johnson .....	472	"
Lulu Belle Morrison .....	442	"

X. (25 candidates.)

William Thomas McDonald .....	340	XI
Amy Johnson .....	558	X
Edith Grace O'Connell .....	529	"
May Irene O'Connell .....	529	"
Ethel Blanche Archibald .....	506	"
Bell Jean Hill .....	498	"
Agnes Maude Fulton .....	448	"
Olive Carter .....	443	"
Marguerite Crowe .....	437	"
Nellie McLaughlin .....	412	"
Robert Alvard Spencer .....	408	"
Greta Florence Vance .....	402	"

IX. (48 candidates.)

Franketta Peppard .....	286	XI
Nina Helen Leck .....	398	X
Clara Adella Kent .....	394	"
Rose Anna McLellan .....	388	"
Lloyd Keating Smith .....	384	"
Verna Maude McLaughlin .....	382	"
Hilda Ethel Atkins .....	375	"
Homer Smith Spencer	368	"
Mildred Jean McDorman		
Erma Rita McLaughlin .....	361	"
D'Arcy James Murdock Leck .....	352	"
Agnes Maud Chisholm .....	303	"
Hattie McLellan Carter .....	639	IX
Annie Laura Dawson .....	577	"
Ida Mathie Huntley .....	528	"
Nellie Verna McLean .....	520	"
Thomas William Faulkner .....	499	"
Ada Jean McLellan .....	486	"
Tina May McLaughlin	435	"
Hattie Grace McKenzie		
Alice May Corbett .....	447	"
Elverena Carter .....	440	"
Sadie McLeod .....	431	"
Tena Vincent Whidden .....	430	"
Elsie Nova Turner .....	421	"
Fred L. Moore .....	415	"

Supps. only (3 candidates.)

Unsuccessful (3 X, 34 IX.)

**GUYSBORO.**—(50 candidates.)

XI. (6 candidates),

Charles Howard Torey .....	665	XI
Annie Agatha Hadley .....	436	"
Charles Ernest Aikens .....	433	"
Douglas George Buckley .....	418	"

X. (22 candidates.)

Clarence William Cook .....	399	XI
Katie Louise Morgan .....	366	"

Michael Wilfred Gerroir.....	560	X
Bessie Wilson Bruce .....	511	"
Samuel Cranswick Ferguson .....	464	"
Annie Christina McMaster.....	458	"
Hilda Mamie Horton .....	435	"
Clara May Jones .....	418	"
Nita Maria Maguire .....	410	"

IX. (21 candidates).

Lottie Christina Jenkins.....	397	X
Ether Knox Cunningham.....	381	"
Edward Lewis Connolly.....	378	"
Maud Hilda Callahan .....	360	"
Ruth Howard .....	359	"
Marion Sidney Worth .....	353	"
Elizabeth Jane McIvor .....	351	"
Mary Cassie Chisholm .....	350	"
Mary Theresa Kennedy .....	339	"
Mary Ellen Holloran .....	332	"
Gertrude Mabel Scott.....	327	"
Josie Laura Worth .....	312	"
Beatrice Elizabeth Girrior .....	537	IX
Letitia Jean Sangster .....	524	"
Herbert DeWolfe Cunningham.....	466	"
Christina Ann Chisholm .....	465	"
Ethel Maria Lawlor .....	419	"
Gussie Randall Cook .....	409	"
Maude Kitchener Peart.....	401	"

Supps. only (1 candidate).

Unsuccessful (3 X, 14 IX).

**HALIFAX.**—(380 candidates).

XII "partial" (4 candidates).

Eva Mary Murray (passed in 21 out of 21 subjects).....	1459	XII Sc.
Elizabeth Florence Blackwood (passed in 20 out of 20 sub- jects).....	1286	XII Cl.
David Davis (passed in 8 out of 8 subjects).....	645	XII par.

XI. (90 candidates).

Louis Aubrey Mylius .....	666	X1
Anna Minerva Henderson .....	659	"
Robert Arthur Neish .....	657	"
Althea Florence Sutherland .....	644	"
Helen Dorothy Adams Armitage .....	639	"
Blanche Elizabeth Glendenning.....	638	"
Edward Willard Chapman .....	631	"
Mary Margaret Skerry .....	627	"
Elsie May Wier .....	619	"
Gladys Irene Billman .....	600	"
Gordon Salter Stairs.....	597	"
Katherine Roche .....	595	"
Sr Marion Concepta .....	592	"
Charles Frederick McLennan.....	588	"
Louis James Roy .....	569	"
Geraldine May Sterns.....	566	"
Ernest Victor Ackhurst.....	564	"
Winnifred Mary Kennedy .....	554	"
Eva Celeste Pye.....	552	"

Sr Agnes Maria .....	542	XI
Kenneth Leslie .....	539	"
Harry Morris Blois .....	538	"
Rose Annie Flinn .....		
Kate Freeman Richardson } .....	527	"
Ella Geraldine Holder } .....	522	"
Sr Mary Edwina } .....	518	"
Mary A Kennedy } .....	513	"
Mary Constance Inglis } .....	511	"
Harold John Clark.....	504	"
Florence McGregor Stewart.....	495	"
Charles Hedley Penn Williston.....	492	"
Nan Josephine Devan .....	478	"
Charles Sydney Creighton.....	477	"
Margaret Adele Christie.....	476	"
Alan McKenzie James .....	473	"
Lillian Dickie MacDonald.....	471	"
James Roland Simmonds.....	469	"
Jean Fraser Murray.....	462	"
Stella Cecilia Fanning.....	460	"
James Walter Swenerton.....	458	"
Earle Cyril Shields.....	453	"
Edna Eloise Longueil.....	449	"
Gerald Rigby Harvey.....	448	"
Wilfred Elmer Hillis.....	447	"
James Arthur Campbell.....	445	"
Gladys Una Smith } .....	441	"
Katherine Howe Cunningham } .....	438	"
Blanche Winifred Casey.....	435	"
Ansel Donald Kennedy.....	434	"
Samuel Rosborough Balcom.....	430	"
Blanche Cleaver Atkinson.....	429	"
Mary Ellen Hennessey.....	425	"
Wilhelmina Melvyn.....	424	"
Geoffrey Morrow Brown.....	423	"
Sr M Camillus } .....	420	"
Gladys Eva Homans } .....	417	"
Mary Ellen Hopkins } .....	414	"
Ada Laura Shaffelburg } .....	412	"
Gertrude Violet Wambolt.....	409	"
Mary Florence Armitage.....	406	"
Margaret E Skerry.....	404	"
Sadie Emma MacQuarrie.....	401	"
Minnie Miller Keith.....		
Mabel Constance Moseley } .....		
Bernice Helen Vining Blakeney } .....		
Harry Lawrence Miller.....		
Bessie Violet Barrowman.....		
George Lotimer Keeler .....		

X. (99 candidates).

Margaret Isabel Harris.....	398	XI
Mary Sheehan .....	396	"
Walter Welton Read.....	385	"
Annie Isabella Drysdale .....	381	"
Dora Jean Boutillier .....	377	"
Mabel Gertrude Haverstock.....	372	"
Gordon Harvey Gillis.....	371	"
Lillias Williamina Colquhoun .....	369	"
Lenna Maie Dorothy Jenner.....	367	"
Mary Isabella Murray .....	365	"
Ethel Augusta Wambolt.....	364	"
Violet Kent McKay.....	360	"
Helen Frances Hogan.....	353	"
Margaret Mabel Croucher .....	348	"

Isabelle Hamilton Crooks	}	324	XI
Clifford Thomas McDonald			
Edward Reginald Clayton	}	320	"
Edith Florence Butcher			
Ferguson Robert Little		311	"
Robert Francis Anderson		308	"
Walter Melville Billman		833	X
Olive Marion Baldock		705	"
Roy Judson Smith		690	"
Norman Erichsen MacKay		664	"
Edgar Addington Bailey		642	"
Kate Naylor		632	"
Edith May Blackie		623	"
James Roy Grant		615	"
Norah Gladys Lantz		607	"
Gladys Luella Palmer		605	"
George Richard Smith		599	"
Bridget Ellen Genevieve Watt		590	"
John Messervey	}	585	"
Vera Edna Thomson			
Kathleen Veronica Hurley		577	"
Ida May Glancey		565	"
Willard Douglas Melvin		556	"
Herbert Morrow Stairs		555	"
Marion Smith		553	"
Frederick Herbert Palmer		549	"
Gladys Maude McQuarrie		546	"
Fannie Hazel Toomey		542	"
Augusta Louisa Daniel		537	"
Margaret Alice Wickwire		536	"
Harvey William Deane		533	"
Ila Clate Freeman		524	"
Eunice Florence Clara Terrio		523	"
William Bunthorne Musgrave		520	"
Mary Chisholm		519	"
Anna May Ross		517	"
Hilda M Davis		511	"
Cyril Ansell Evans		510	"
Cyril Alban Joseph Martin		506	"
Robert Harvey Stoddard		504	"
Jeanette Agnes Myers		501	"
Dorothy Knout Munnis		498	"
Clara May Watson	}	495	"
Rudolf Alexander Clemen			
Gertrude Mary Matson		494	"
Winifred Cummings		491	"
Rosemary Agnes Ellis		489	"
Maie Addie Smith		488	"
Gertrude Charlotte Buckley	}	482	"
Isabelle Maud Wilson			
Vera Belle Dowell		480	"
Bernard Joseph Currie		476	"
Francis Aubrey Hardy		475	"
Edith Murray Creighton		472	"
Frederick Alexander Warner		468	"
Bessie Baker Elliot		467	"
Sarah Elizabeth Williams	}	466	"
Elsie Clare Mackenzie			
Mary Lillian Distant		462	"
Arthur Balcum Smith		460	"
Bessie Louise James		458	"
George Philip Chisholm	}	455	"
Winifred Dunne			
Pearl Woollard Nicoll			
Rita Hastings Williams	}	451	"
Nellie Madeleine McDonald			
Edward Frederick Mitchell		449	"

Wilfred Laurier Murray	}	447	X
David Adams Guildford			
Ethel Beatrice Condran		440	"
Edna Myrtle Blakeney	}	435	"
Clifford Nelson Murphy			
Gladys Clara Webster			
George Alan Cunningham		433	"
Margaret Clara O'Connell		429	"
Irene Mary Agnes Kelly		422	"
Edith May Hubley		417	"
James Norbert Lyons		415	"
Sadie Jane Spares		412	"
Isabel Smith	}	405	"
Robert Innes			
Mabel Adelaide McQueen Dunbrack			

IX. (173 candidates.)

Mary Adel Carroll	259	XI	
George Bent Glendenning	419	X	
Eva Arlington Maskell	398	"	
Gertrude Louise Milledge	393	"	
Lucy Mary Agnes MacKay	392	"	
Frederick Charles Power	390	"	
Flossie Belle Fraser	388	"	
Helen Moody Elliot	377	"	
James Alburdis Donovan	371	"	
Elsie Beatrice Blois	367	"	
Elizabeth Baptista Ison	364	"	
Gertrude Moore	362	"	
Gladys Elizabeth Lynch	357	"	
Lalia Florence Fraser	346	"	
Lillian Sabina Crook	342	"	
Harry Sylvester Stevens	338	"	
Hilda Marion Story	322	"	
Thomas William Keating	317	"	
Emma Berthalie Julien	315	"	
Roy Melvin Haverstock	311	"	
Michael Stairs Brown	307	"	
Grace Lilian Bartlett	769	IX	
Mary Louise Clayton	726	"	
Alma Grace Hoben	713	"	
Ralph Vincent Sharp	696	"	
Elizabeth Anna Tolson	679	"	
Stephen Osborn Thorne	670	"	
Cora Douglessa Rennels	661	"	
Howard Vincent Wallace	650	"	
Laurie McCallum Allison	649	"	
James O'Neil Fitzgerald	643	"	
Ella Mary Fry	637	"	
Katherine Douglass MacKenzie	624	"	
Eva Kathleen Bayers	621	"	
Irene Egan	617	"	
Annie Lecina Boak Umlah	615	"	
Roderick Joseph MacDonald	614	"	
Gladys Marguerite Sibley	610	"	
Ethel Jean Keirstead	605	"	
Hugh Allan Murray	599	"	
Leo John Buchanan	596	"	
Thomas Michael Lawrence Jackson	588	"	
Gertrude May Hawkins	587	"	
Douglas Morgan Wiswell	}	585	"
Heber Meredith Logan			
Herbert Edgar Sterns		579	"
Winifred Josephine Keating		575	"
Harold Elbert Smith		569	"
Daisy Frances Keirstead		565	"

Frances Chisholm .....	559	IX	Ivy Jean Anderson .....	451	IX
Friend Wesley Fraser.....	558	"	Clarence Edward Barnhill } .....	450	"
William Patrick Harmon .....	549	"	Marguerite Ethel Horton } .....	450	"
Emma Grace Smith.....	548	"	Joseph B Hagarty.....	449	"
Eva May Wallace .....	547	"	Ethel Blanche Withrow .....	448	"
Frank Roy Hills .....	545	"	Jessie Edna Mary Schultz.....	447	"
Dorothy Allison Bennett .....	544	"	Guy Haviland Liddell.....	446	"
Helen Maud Macdonald.....	543	"	Jean Pauline Campbell } .....	445	"
Stanley Stairs Hatt .....	540	"	Gladys Bernice Smith } .....	445	"
Walter Samuel Brown } .....	532	"	Margaret Dauphinee } .....	442	"
Lawrence Blair Campbell } .....	532	"	Winifred Billing Sutcliffe } .....	442	"
Minnie May Ekins .....	531	"	Irena Gertrude Hechler.....	437	"
Harriet Mary Kent.....	528	"	Wilhelmina Gladys Dreunna Moore.....	435	"
Richard Edward Graham Roome.....	528	"	John Arthur Harris.....	434	"
William Geddes.....	522	"	Florence Evelyn Eter.....	433	"
Sarah Elizabeth Prat Nixon } .....	521	"	Aubrey Edgar Neiforth.....	429	"
Lois Sutherland Creighton } .....	521	"	David Drury .....	427	"
Thomas Patrick Curren } .....	517	"	Annie Eudoxia Hopkins .....	426	"
Jessie Arline Wolfe.....	517	"	Marie Agnes Hopewell } .....	425	"
Margaret Sweeney .....	516	"	Nellie Tufts Mitchell } .....	425	"
Hazel Maud Mader.....	514	"	James David Gunn } .....	424	"
Frank Harold Moseley .....	512	"	Francis George Hayden } .....	424	"
Alice Muriel Graham.....	510	"	Gladys Marion Littler .....	422	"
Zilda May Little .....	509	"	Alena Maude Grant .....	421	"
Elmer Roy Williams.....	508	"	Mary Margaret Connors.....	419	"
Thomas James Hanrahan } .....	507	"	Reginald Morton Freeman.....	418	"
Ruth Launwhite } .....	507	"	Melinda Dauphinee } .....	417	"
Hildred Bessie Stoddard } .....	506	"	Gwendolyn Frances Lynch } .....	417	"
Archibald Lawrence } .....	506	"	Bertha Geneva Agnes MacManus } .....	414	"
Martha Munnis } .....	506	"	Grace Louise Josey } .....	414	"
Nellie Archibald Rees } .....	504	"	Jennie Victoria Geddes.....	413	"
Bertha Gladys Daley.....	504	"	James Edward Monaghan.....	411	"
Jessie Frances O'Donnell.....	501	"	Robert John Killen.....	409	"
Elmer James Tobin } .....	500	"	Gilmour George Lydiard.....	406	"
May Martha Day } .....	500	"	Raymond Vincent Martin .....	405	"
Joseph Ralph Glazebrook.....	499	"			
Annie Rose Ella Heffler } .....	495	"	XII "partial" (1 candidate).		
Foster Almon Heffler } .....	494	"	Herbert Parker passed in 20 out		
Mary Alice Alonza Fitzpatrick .....	494	"	of 20 subjects) .....	1288	XII Sc
Geoffrey Stevens.....	491	"	Supps. only (15 candidates).		
Annie Jean Macdonald.....	488	"	Unsuccessful (1 XII "partial," 3 X, 43 IX.		
Gerald Neil Walsh.....	487	"			
Ada Hannah Peart.....	485	"	<b>KENTVILLE.</b> —(104 candidates).		
May Moir Guildford } .....	484	"	XII "partial" (3 candidates).		
Emma Louise Bayers } .....	484	"	Mayhew Coldwell Foster (passed		
Hugh John Carlyle Geldert } .....	482	"	in 13 out of 13 subjects).....	1002	XII par.
Gwendoline May Curtis } .....	480	"			
William James Sinclair } .....	480	"	XI (19 candidates).		
Arleigh Martin Proctor } .....	479	"	Edward Maxwell Beckwith .....	687	XI
Wesley Andrew Mitchell.....	479	"	Della Boggs.....	562	"
Muriel Mildred Mumford.....	477	"	John Edward Archibald Warner.....	538	"
Charles Gordon Reid .....	476	"	Mary Winnie Dow .....	553	"
Aileen M Webb.....	474	"	Evangeline Yould.....	510	"
Aggie Fulton Hall } .....	473	"	Edith Louise Claudine Moore .....	499	"
Emma Louise Roper } .....	472	"	Miriam Jessie Cox.....	493	"
Lena Susan Stoddard.....	471	"	Murray Eaton Roscoe.....	468	"
Maudie Ethel Smith.....	470	"	Cassie Olive Knowlton.....	444	"
Gladys Treby Leverman.....	469	"	Eleanor Agnes Doherty .....	438	"
Charles Wallace Finck.....	469	"	Margaret Jane Dow .....	437	"
Victor David Davidson.....	468	"	Henry Leigh Garrett.....	436	"
Aileen Edwina Bentley.....	467	"	Violet Mary Webster } .....	429	"
Mary Teresa McDonald.....	466	"	Margaret Watson Hawley } .....	429	"
Elizabeth Leitch Milligan.....	460	"			
Hilda Maude Crooks.....	450	"			
Frances Cecilia Hanrahan } .....	457	"			
Alice Jean Logan } .....	455	"			
Mary Catherine Agnes Delaney.....	455	"			

X. (36 candidates).

Evangeline Marian Blenus	392	XI
Lillie Frances Lawrence	382	"
John Benedict McFadden	359	"
Robert Douglas Lindsay Bligh		
Earle Charles Lawrence	322	"
Mary Lillian McKittrick	791	X
Walter Francis Xavier Flavin	623	"
Chesley Mosher	610	"
Malcolm Bancroft Davis	566	"
William Lawrence	537	"
Lila Vivian Corbett	518	"
Lillie Blanche Schofield	481	"
Grace Hazel Wigmore	479	"
Grace Bigelow Kennedy	465	"
Roy Pennington Calkin	460	"
Elizabeth Martha Loomer	455	"
Elsie May Barnaby	452	"
Stella Blanche Neary	442	"
Everard William Cooper	441	"
Gertrude May Chute	438	"
Ella Vera Strong	425	"
Elsie Elizabeth Webster	417	"
Winifred Kinsman	415	"
Harriet Merrill Boyle		

IX. (39 candidates).

Charlotte Margaret Ogilvie	395	X
Gladys Manson	389	"
Edith Gertrude Sawler	388	"
George Renny Young	363	"
Eva Maud Graves		
Lizzie Bernice Hiltz	353	"
Mary Janet Franey	346	"
Susie Thomas Raxter	345	"
Guthrie Brown Sanford	343	"
Jennie Lewis Lockhart	343	"
Bella Olivia Masters	580	IX
Elenor Marguerite King	578	"
Ina Catherine McCambly	575	"
Jean Hamilton Eaton	550	"
Ernestine Alice Ward	510	"
Mabelle Grace Smith	506	"
Cecil Clifton Robbins	497	"
L L Harris	494	"
Violet Evelyn Bishop	473	"
Mary Frances Dickie	463	"
Kenneth Lorrimer Sanford	454	"
Elizabeth Burbidge Eaton	444	"
Viola Marie Bishop	443	"
Susie Ella (rouse)	431	"
Cora Emily Neiforth	425	"
Muriel Jessie DeWolfe	420	"
Eliza Blanche Thomas	407	"

Supp. only (7 candidates).

Unsuccessful (2 XII "partial," 7 X, 22 IX).

LIVERPOOL.—(99 candidates).

XII "Partial" (3 candidates).

Grace Marjorie Tupper (passed in 8 out of 10 subjects)..... 63 XII par.

XI (23 candidates).

Jessie Marie Ramey	526	XI
Dorinda Freeman Shields		
Mercy Belle Brown	525	"
Isaac Vincent Dexter	505	"
Sara Etta Hall	484	"
Laura May Hall	480	"
Ethel May McLeod	476	"
Harrie Ardell Smith	473	"
Carrie Louise Kempton	457	"
Phyllis Helen Millett	453	"
Verta Laura Freeman	448	"
Ida Florence Hartlen	444	"
Lulu Morse Patterson	441	"
Elena Evelyn Muuroe	410	"
Gladys Mary Rhynard	401	"

X. (22 candidates).

Ethel Victoria Wolfe	408	XI
Ernest Elisha Shupe	395	"
Annie Belle Dolliver	391	"
Bessie Gladys Godfrey	390	"
Annie Rhoda Burgess	363	"
Flora May Foster	328	"
Laurie Mack Burnaby	327	"
Florence Margaret McConnell	305	"
Beatrice Gertrude Freeman	554	X
Gladys Hunt	528	"
Muriel Dean Kempton	514	"
Mabel Irene Silver	516	"
Margaret Anna Smith	472	"
Matilda Millard Hogan	471	"
Alexander Taylor Godfrey	468	"
Inez Evelyn Hagan	458	"
Lester Leland Cole	457	"
Boulah Hunt	448	"
Arthur Wesley Friggens	447	"
Fidella Ramey	415	"
Alice Maud Kempton	404	"
Gladys Leta Kempton	401	"

IX. (47 candidates).

Winifred Letitia Mack	372	X
Mildred Katherine Manthorn	356	"
Eunice Pearl Freeman	354	"
Mary Theresa Mcquire	345	"
Stephen Clair West	337	"
Louise Beatrice Sprague	311	"
Thomas Brenton Smith	634	IX
John Robert Harley	630	"
Gertrude Seretha Rhynard	599	"
Myra Manson Frellick	580	"
Percy Carleton West	570	"
Harriet Mouzar Pentz	566	"
Joseph Andrew Inness	558	"
LaMonte Butler	523	"
Isabelle Doane Harlow	516	"
Vera Maud Hartlen	500	"
Vera Dexter	495	"
Edna Ross Gardner		
Alice May Colp	485	"
Lester Cleveland Mehlman	477	"
Susie Greta Buchanan	468	"
Hilda Blanche Ennis	456	"

Fred Reginald Coops .....	437	IX
Bessie DeWolfe Douglas.....	433	"
Mossie Benton Wharton.....	424	"
Alma Maud Rhyuard.....	414	"
Carrie Gladys Rayfuse.....	412	"
Eleanor Bill Kempton.....	410	"
Margaret Mabel Hartlen.....	408	"

Supps. only (4 candidates).

Unsuccessful (2 XII "partial," 2 X, 24 IX).

**LOCKEPORT.**—(45 candidates).

XI. (7 candidates).

Charles Henry Ringer.....	451	XI
Charles Jerome Mills.....	412	"

X. (15 candidates).

Alice Locke .....	415	XI
Carlos Walter Dell-Plain.....	372	"
Mary Edith Holden.....	344	"
William Day Sutherland.....	517	X
Bertha Catherine Decker.....	475	"
Leo Smith.....	473	"
Florence Verona Lloyd.....	427	"
Gertrude McKay Walls.....	405	"

IX. (22 candidates).

Ralph Payzant.....	298	XI
Myrtle Louise Smith.....	294	"
Ruby Weir Walls.....	393	X
Helen Churchill Locke.....	379	"
Ada Townsend.....	378	"
Lillian Taylor.....	377	"
Lily Belle Whynot.....	359	"
George Blake Page.....	358	"
Isabel Jean Ling.....	358	"
Muriel Alida Harding.....	337	"
Laura Holden MacKay.....	325	"
Florence Eulalie Herkins.....	603	IX
Frances Alberta Locke.....	592	"
Ianthe Maude Shupe.....	531	"
Margaret Jean Pierce.....	516	"
Barbara Claire Herkins.....	507	"
Bernice MacMillan.....	462	"
Bessie Elmira Moore.....	430	"
Winnifred Helena Bellevue.....	429	"

Supps. only (1 candidate).

Unsuccessful (1 X, 14 IX).

**LUNENBURG.**—(127 candidates.)

XII. "Partial," (4 candidates.)

Ralph Percy Richardson (passed in 20 out of 20 subjects).....	1527	XII Sc.
Lizzie Smith (passed in 20 out of 20 subjects).....	1307	XII Sc.

XI. (27 candidates.)

David William Smith.....	606	XI
Lila Evelyn Young.....	594	"
Minnie Belle Smith.....	543	"
Tessie Maud Dauphinee.....	539	"
Harvey Lorne Eisenhaur.....	505	"
Seward William Hirtle.....	503	"
Geraldine Olive Elizabeth Ritcey.....	498	"
Vera May Wambach.....	481	"
Maggie Melissa Wynacht.....	474	"
Clarence Webster Veinot.....	469	"
James Kenneth Lohnes.....	456	"
Alice Gertrude Weldon.....	451	"
Harriet Elizabeth Holder.....	449	"
Jessie Mary Ernst.....	425	"
Leta May Bailly.....	420	"
Hattie Elizabeth Acker.....	410	"
Winnie Maud Ritcey.....	410	"

X. (45 candidates).

Jessen Ethelward Hirtle.....	389	XI
Flora May Zwicker.....	341	"
Mary Permilla Wentzell.....	336	"
Gladys Elva Myra.....	329	"
James Obadiah Kaubach.....	326	"
Mary Martha Ernst.....	322	"
Jennie Leah Hebb.....	321	"
Archibald Maxiner Mader.....	309	"
Ros John Berringer.....	689	X
Hilda Maud Eisenhauer.....	659	"
Charles Robert Hawkins.....	653	"
Merna Alexes Messinger.....	638	"
Eva Hilda Herman.....	624	"
Muriel Marie Young.....	595	"
Florence Alberta Young.....	529	"
Lillas Amy Ritcey.....	504	"
Flossie Annie Lohnes.....	492	"
Hannah Aileene Langille.....	454	"
Beulah Edith Lillian Eisenhauer.....	451	"
Melvin Josiah Ritcey.....	436	"
Ernst William Saltman.....	435	"
Kate Louise Hirtle.....	432	"
Emery Harold Langille.....	431	"
Etta May Boehner.....	427	"
Ethel Beulah Vogler.....	426	"
Lois Josephine Marie Parker.....	416	"
Ronald Moncrieffe King.....	411	"
Clarence George Smith.....	403	"
Lee Frances Dauphinee.....	403	"

IX. (45 candidates)

Annie Louise Strumm.....	282	XI
Maud Effie Oakes.....	241	"
Mary Louise Inglis.....	409	X
Mabel Winifred Eisnor.....	397	"
James DesBrisay Wilson.....	393	"
Sadie Dora Keddy.....	386	"
Stella Sophia Lohnes.....	382	"
Cora Emma Mossman.....	376	"
Sarah Eleanor Lantz Vogler.....	369	"
Minnie Ina Thressa Veinotte.....	362	"
Harry Duncan MacIntosh.....	362	"
Mary Lavinia Ritcey.....	360	"
Mary Myrna Millett.....	360	"

Josephine Blanche MacIntosh.....	356	XI
Ralph Stanley Mader.....	354	"
Katie Josephine Whynot.....	343	"
Winnie Teresa Steverman.....	341	"
Charlotte Susie Earnest.....	336	"
Pearl Lavinia Hirtle.....	332	"
Hazel Floy Joudrey.....	322	"
George Fenwick Whitney.....	321	"
Lottie Annie Ham.....	304	"
Hazel Lue Bailly.....	714	IX
May Luella Gates.....	666	"
Harry Roy Arenburg.....	644	"
Fred Murray Rafuse.....	567	"
Murnie Louise Veinot.....	564	"
Margaret May Mosher.....	556	"
Frank Alfred Powers.....	548	"
Lois Muriel Whitney.....	546	"
Sadie Belle Zinck.....	529	"
Ina Dowling Romkey.....	525	"
Florence Pearl Louise Kedy.....	506	"
Ethel Victoria Gould.....	505	"
Harry George Smith.....	466	"
Wynne Earle Eisenhauer.....	439	"
Mack Ronald Hebb.....	430	"
Gladys Nellie Maud Ernst.....	428	"
Marion Hope Holder.....	421	"
Mary Magdalene Steverman.....	409	"

Supps. (6 candidates.)

Unsuccessful, (2 XII "partial," 4 X, 27 IX.)

**MABOU**—(41 candidates.)

XI. (4 candidates.)

Katherine Macdonald.....	678	XI
Catherine Beaton.....	428	"
Lorrie MacMaster.....	407	"

X. (8 candidates.)

Mary Agnes Beaton.....	302	XI
Daniel MacMillan.....	427	X
John Archie Beaton.....	412	"

IX. (25 candidates.)

John Allan McPhail.....	388	X
Lizzie Ann Smith.....	371	"
Sarah Ann Beaton.....	342	"
John Grant Mackay.....	338	"
Jessie A McInnis.....	315	"
Mary Louise Hynes.....	486	IX
Gertrude Cozzolino.....	474	"
Dan Allan MacMillan.....	473	"
Alex B Campbell.....	464	"
Claude Murray.....	463	"

Supps. only (4 candidates.)

Unsuccessful (1 X, 20 IX.)

**MAITLAND**—(56 candidates).

XI. (12 candidates).

Bessie Johnson Tucker.....	574	XI
Rachel Alice Lawrence.....	517	"
Colin Benjamin Faulkner.....	483	"
Ada Amelia King.....	464	"
Margaret Jean Faulkner.....	435	"
Alice Isabelle O'Brien.....	427	"
Mabel Winnifred McCallum.....	400	"

X. (17 candidates).

Abbie Buxton Lawrence.....	374	XI
Ruby Macdonald.....	266	"
Augusta Weldon.....	339	"
Osmond Carlyle O'Brien.....	315	"
Bessie Oxley Currie.....	513	X
Lalia Estey Fiske.....	485	"
Olevia Ann Hamilton.....	487	"
Lena Pearl O'Brien.....	438	"
Frederick Fulton McLellan.....	414	"
John Miller Putnam.....	400	"

IX. (25 candidates).

Rebecca Ann Davidson.....	282	XI
Anna Muriel Lawrence.....	392	X
Margaret Blanche Campbell.....	388	"
Ella May Smith.....	383	"
Helen Clarke.....	379	"
Edith Cassie Corbett.....	342	"
Winifred Lockhart O'Brien.....	338	"
Lena Hollenbec Pratt.....	328	"
Miles Angus O'Brien.....	322	"
Raymond Cecil Ells.....	320	"
Arthur Hines.....	312	"
Ruth Georgia McLellan.....	546	IX
Hazel Granite McKay.....	450	"
Lelia Belle Faulkner.....	445	"
Milvena Frude Campbell.....	436	"

Supps. only (2 candidates).

Unsuccessful (1 X, 21 IX.)

**MARGAREE HARBOR**—(38 candidates.)

X. (7 candidates.)

Elizabeth Dolena McLean.....	520	X
Francis Collin McLeod.....	492	"
Catherine MacDougall.....	489	"
Jeptha Seth Munro.....	487	"

IX. (27 candidates.)

Christina Jane Miller.....	395	X
Sadie Bell McDaniel.....	344	"
Maggie McDougall.....	648	IX
Patrick A Delaney.....	622	"
Alexander Allen Collins.....	613	"
Henry Peter Arsenaunt.....	586	"
Peter Joseph Aucoin.....	571	"
John Ronald McLellan.....	558	"
Annie McLellan.....	562	"

Flora Arseneau.....	555	IX
Adele Sophia Doucet .....	514	"
Agnes McDougall.....	501	"
Annie Jane Blanchard .....	495	"
Effie Ann LeBlanc .....	427	"

Unsuccessful (15 IX).

**MID. MUSQUODOBOIT.**—(80 candidates).

XI. (19 candidates).

Edna Cruikshank.....	570	XI
Eva Teresa Farnell .....	510	"
Bertha Fox .....	507	"
Edith Archibald Burris .....	501	"
Ada Marie Ogilvie .....	475	"
Estella Maud Ogilvie .....	451	"
Bessie Alice Murchy.....	450	"
Edith Hannah Dechman.....	432	"
Blanche Archibald .....	429	"
Janet Pearson Cooper .....	427	"
Florence May Dechman .....	410	"
Alice Archibald .....	405	"

X. (24 candidates).

Bessie Rosamond Ogilvie }.....	399	XI
Phebe Ann Ogilvie .....	353	"
Alice Ormond Fox .....	329	"
Edna Gertrude Grant .....	315	"
Lawrin Green Marks .....	532	X
Lida McPherson Dickie .....	496	"
Florence Jean Burris.....	494	"
Agnes Louise Guild.....	490	"
Hattie Sarah Tays .....	487	"
Bertha Constance Ogilvie .....	465	"
Susie McLeod .....	424	"
Susan Isabel Gould.....	423	"
Annie May Bervie .....	412	"
George Edward Archibald.....	411	"
Timothy Putnam Stewart.....	405	"
Gertrude Lillian Eastham.....	401	"
Jessie Clara Sutherland.....		

IX. (35 candidates).

Gertrude Joyce Archibald.....	292	XI
Norman McNab Cruikshank.....	282	"
Emma Lida Kent.....	394	X
Elizabeth Jane Dechman .....	389	"
Olive Martha Gates .....	374	"
John William Benvie .....	368	"
Alexandria Beatrice Erskine.....	359	"
David Holmes Smith .....	348	"
Annie Burris .....	341	"
John Burris Reid.....	340	"
Angus Hutchinson .....	331	"
Mabel Leona Reid .....	330	"
Bertha May Archibald.....	520	IX
Jean Lois Ritcey .....	514	"
Pearl Ellen Cruikshank .....	490	"
Melvin Gordon Cruikshank .....	454	"
Lena Maud Bambric .....	443	"
James Herwood Ogilvie.....	439	"

Emma Louise Ogilvie.....	436	IX
William Fielding Hanna.....	434	"
Bertha Louise Moore .....	405	"

Supps. only (2 candidates).

Unsuccessful (2 X, 26 IX.)

**MIDDLETON.**—(97 candidates).

XI. (18 candidates).

Percy Thorne Andrews .....	479	XI
Georgina Loretta Morrison.....	459	"
Edith Adelaide Spinney .....	450	"
Jennie Raymond Walton .....	426	"
Ethel Elizabeth Morse.....	415	"
Eva LaBelle Roop.....	407	"
Jennie Vera Martin .....	406	"

X. (30 candidates).

Giles Vernon Jacques.....	353	XI
Violet Delteina Jacques .....	382	"
Flora Maude McGill .....	364	"
Charles Robert Weaver.....	303	"
Addie Eliza Baltzer.....	517	X
Blanche Bishop .....	511	"
Bernard Graham Wood .....	510	"
May Eliza Charlton .....	494	"
Love Sophia Nealy.....	486	"
Flossie Caroline Young .....	484	"
William Evans Jefferson .....	466	"
Odessa May Armstrong.....	464	"
Elsie Lenora Hinds.....	461	"
Nina May Neily .....	457	"
Neil Ross Bowlby .....	435	"
Edith Myrtle Neily.....	421	"
Charlie Longley Wood .....	412	"
Agenora Stoddard .....	405	"
Mildred Elizabeth MacMurtery .....	404	"
Lizzie Beatrice Hiltz .....	403	"
Leverett deVeber Chipman .....	401	"

IX. (37 candidates).

Leslie Harding Banks .....	304	XI
Pauline Elizabeth Hall .....	295	"
Mary Gwendoline Phinney .....	294	"
Minnie Victoria Schaffner.....	290	"
James Spurling Gates.....	286	"
Cleora Myrtle McGill.....	248	"
Hattie Rebecca Neily .....	242	"
Carrie Edyna Neily .....	383	X
Albert Whitfield Wentzell .....	378	"
Marjorie DeLancey .....	370	"
Louis Emmerson Wotton.....	347	"
Viola May McGinnis .....	346	"
Leila Izetta MacNair.....	344	"
Lavinia Eloise Goucher.....	336	"
Ella Maude McNeil.....	334	"
Reagh Wilberforce Longley Phinney.....	328	"
William Burns Ross.....	313	"
Mary Eliza Armstrong .....	308	"
Vere Carsdale Mason.....	658	IX
Mary Raymond .....	621	"
Marguerite Ethel Young.....	619	"
George Loring Andrews.....	553	"



Karl Wedgewood Gladstone Slocomb	552	IX
Gerald O Hart	497	"
Reginald We mss Chipman	495	"
Evangeline Hayes	478	"
Chester Howe Langille	462	"
Winnie Maria Feltus	453	"
Margaret Lenora Hilton	446	"
Lyle Young Brinton	432	"
Sylvia Odessa Craven	421	"
Louis Wynn Slocomb	414	"
Minnie Wheelock Spinney		
Daniel Henry Eaton	410	"

Supps. etc., (12 candidates.)

Unsuccessful, (2 X, 21 IX.)

**NEW GLASGOW.**—(197 candidates.)

XI. (40 candidates).

Jennie Walker	940	XI
John Alexander Thomas Weatherbee	931	"
Stella Rosamond Grant	794	"
George Merrill McPherson	764	"
Margaret Patterson Irving	754	"
John Hubert Craigie	741	"
Donald Alexander Campbell	678	"
Gertrude Catherine Fraser	635	"
Jennie Brown MacLean	609	"
Robert Murray MacIntosh	571	"
Christina Myrtle MacLean	566	"
Jessie May Munsie	517	"
Jessie Mary Grant	516	"
Maria Grant	508	"
Hazen Courtney Treen	490	"
Catherine Jean Jordain	488	"
Henrietta Charlotte McColl Ritchie	479	"
Almira MacKay	475	"
Jessie Rose MacLean		
Gertrude McGirr	472	"
John Gordon Robertson	470	"
Mary McGillivray	444	"
Annie Ethel McKay	435	"
Robetta Jean MacKay	415	"
Minnie MacDonald	406	"
Willie Stetson McLean	404	"

X (54 candidates).

Margaret Fraser MacQueen	385	XI
Jean MacKay Fraser	383	"
Laura Sinclair Fraser	374	"
William Wallace McDonald	373	"
John Angus Cameron	372	"
Anna Frenhill	364	"
Martha Alina Sullivan	349	"
Isabel Sterns MacLellan	337	"
Elizabeth Fraser	328	"
Margaret McGirr	303	"
Luella Irene Crockett	873	X
Colin George Sutherland	697	"
Jessie Mabel McQuarrie	640	"
Ina May Ballantyne	626	"
Donald Gray Dunbar	620	"
Hazel Jean Clay	619	"
Hugh Dafford Chambers	609	"
Tudson Vye Graham	595	"
Margaret Jean McQueen	583	"

Leslie Clide Strickland	575	XI
Katherine MacNab	573	"
John Duncan Irving	548	"
Esther Ballantyne	546	"
Mary Etta Macdonald	542	"
George Roy Doull	538	"
Jean Ann Parke	522	"
Margaret Estelle MacLean	505	"
Marie Lilian Day	499	"
Christina May Ross		
Florence Donkin	491	"
Minnie MacIsaac	484	"
Harriet Helena McDonald	471	"
Ena Forbes Marshall	470	"
Margaret Janet MacMillan	469	"
Mary McBeth Sutherland	464	"
Margaret Dawson McDonald	462	"
Helena Crooks	453	"
Marjorie Miller MacQueen	444	"
William Roy Grant	438	"
Hector McKay Seaman		
Charles Allen McQuarrie	432	"
Jessie Martha Robertson	424	"
Pearl Grant	418	"
Catherine Ross MacDonald	405	"
Minerva May Berry	402	"
James William McArthur	400	"

IX. (96 candidates).

John Robert Anderson	294	XI
Neil Archibald MacLean	277	"
Allister McDonald	263	"
Roddie Chisholm McLeod	251	"
Agnes Eva Murray	410	X
Jeannetta Cole Munro	403	"
Howard Cantley	397	"
Elizabeth Catherine Chisholm	396	"
Fannie Nere	395	"
Bertie Hilda Eastwood	393	"
Jeannette McGregor Reid		
George Francis Kerr	389	"
Algie Wilson McDonald	382	"
Christina Catherine Colquhoun	368	"
Jennie Duntary	363	"
Nettie Lydia Cameron	342	"
Marcella MacGillivray	316	"
Frederick William Donkin	763	IX
David Fraser Marshall	747	"
Jean Margaret McGregor	738	"
Gerald Fleming Rogers	640	"
James McDougall	630	"
Catherine Ellen MacLean	595	"
Jessie Elizabeth MacMillan	590	"
William Gleason MacPherson	588	"
Isabel Chalmers Marshall	587	"
Annie Thirza Dodson	580	"
Bessie Margaret Bruce	565	"
William Ellis MacLean	555	"
Edna Eleanor Fraser	541	"
Wesley Pallen	537	"
John Hugh Fraser	533	"
Lydia Logan	532	"
Arlo Grant	525	"
Roy Bennett	524	"
Ethel Aggie Fraser	512	"
Florence Patterson Thompson	506	"

Augusta Mary MacDonald	503	IX
Roderick Douglas Graham	498	"
Frank William Garrett	495	"
Bessie Blair MacKay	494	"
Mary Lillian Robertson	491	"
Barbara Jane McLellan	484	"
Sarah Elizabeth Robertson	477	"
Duncan Fraser	469	"
Charles David Blair	459	"
Alfred Cumming	450	"
Marguerita Drake	446	"
Marjorie Ethel Cameron	443	"
Charlotte Farrell	440	"
Albert Wallace Craigie	426	"
Margaret McKenzie McDonald	420	"
Sarah Marjorie Keith	408	"
Mildred Peters Campbell	402	"

Supps. etc. (7 candidates.)

Unsuccessful, (5 X, 59 IX.)

**NORTH SYDNEY.**—(122 candidates.)

Ethel May Hackett	604	XI.
Annie Olive Partridge Simpson	555	"
Charles Allen Gillis	511	"
Tina MacLean	504	"
Jennie Elizabeth MacNeil	491	"
Kathleen Margaret Moore	482	"
Lillian Beatrice Cann	471	"
Sadie Montgomery	448	"
Bertha Lillian Greenwell	441	"
Mary Murrith	433	"
Mabel MacKenzie	423	"
Helen Joanna Hartigan	418	"
Angus MacLeod	403	"

X (35 Candidates).

Ella Margaretta Munn	388	XI.
Ellen Katie MacLean	365	"
Robert Alvin Stewart	363	"
Christine Montgomery	337	"
Joseph Bernard McDermott	327	"
Margaret J. Buchanan	783	X.
Ellen Mary Keats	758	"
Catherine Genevieve Campbell	623	"
J. B. Anthony Brennan	571	"
Mary Stephenson	556	"
Verna Viola Milburn	548	"
Viv'n Lloyd McKnight Johnson	539	"
Sarah Margaret McNeil	535	"
Eliza Kilpatrick	532	"
Annie McPhee	525	"
Ernest Spurgeon Smith	512	"
Stella Elvina DeCoste	504	"
Edith Jane Johnson	495	"
Carl Roby Bissett	490	"
Sarah Bertha MacDonald	477	"
Charlotte Hill	471	"
Henrietta Frances Way	458	"
James Hume Turnb'l Nicholson	453	"
Margaret MacLeod	444	"
Karl Schurman		"

Marie Sullivan	436	X.
Dorothy Elizabeth Archibald	433	"
Annie Horton	406	"
Elma Livingstone Rosborough		"

IX. (58 candidates).

Mary Euphrazie Cox	298	XI
Daniel C. MacKenzie	293	"
Isabel Edwards	401	X.
Catherine Sullivan	399	"
John MacKenzie Stuart	394	"
Rachel Fergusson	382	"
Sadye McKinnon	362	"
Mary Ethel Kay	357	"
Annie Broderick	353	"
Caroline Ingraham	330	"
Archibald Cashen	312	"
John Ronan McLeod	308	"
Benjamin Chalmers Salter	673	IX.
Catherine Gillis	666	"
Sarah Elizabeth Stevenson	613	"
Elizabeth McGrey Slaven	607	"
Agnes Sarah McMillan	595	"
Arthur Leonard McDermott	579	"
Lloyd Remington Meach	575	"
Kathleen Regis MacLeod	565	"
Catherine Ingles Grainger	563	"
Ronald McIntyre	541	"
Charles Gordon Smith	536	"
William David Dooley	515	"
Josephine MacKenzie	488	"
Gertrude Gladys Carre	469	"
Annie Morrison	468	"
Reta Grace Rudderham	463	"
Martin William MacKinnon	456	"
Mary Elizabeth McIntyre	451	"
Mary Ellen McInnis	433	"
Matilda May Vickers	425	"
James Mervin Munn	424	"
Margaret Grace G. MacLeod	419	"
Grace Eliza Jackson	415	"
Annie Baxendale	408	"
Winnifred Murray MacDonald	400	"
John Kenneth MacKenzie		"

Supplementaries only (7 candidates).

Unsuccessful, (2 X, 33 IX.)

**OXFORD.**—(78 candidates).

XI. (15 Candidates).

Margaret Brown	549	XI
Rennie Roy Hickman	522	"
Lizzie Jane Ross	515	"
Lulu Turner Carter	491	"
Agnes Lane Purdy	479	"
Jean Frances Baird	472	"
Gertrude Elizabeth McDonald	455	"
Maud Baird	457	"
Jennie Johnson Smith	447	"
Edmond Fritz Slade	439	"

X. (20 Candidates).

Walter Dale Ross.....	380	XI.
Norman Russell Angus.....	340	"
Mary Lenora Porter.....	313	"
Edwin Burland Read.....	553	X.
Bertha Jameson.....	474	"
Sadie Beatrice Davies.....	461	"
Linda Bessie McKeil.....	448	"
Bessie Louise Robb.....	446	"
Jessie Helen Shipley.....	440	"
Inez Eliza Hayward.....	427	"
Marjorie Elizabeth VanBuskirk.....	411	"
Edith Lillian Morris.....	410	"

IX. (41 Candidates).

Earle Percy Angus.....	259	XI.
May Eliza Chapman.....	213	"
Lizzie Florence Stewart.....	388	X.
Henry Percy Anderson.....	384	"
James William Blair.....	383	"
Amy Canfield Purdy.....	382	"
John Thompson.....	377	"
Hattie May Gordon.....	353	"
Sarah Ann Grant.....	331	"
Gladys May Coulter.....	320	"
Florence Erna Benjamin.....	318	"
Flora Thompson.....	611	IX.
Bertha Estelle Thompson.....	574	"
Grace Dawson Farquhar.....	541	"
Mary Alice King.....	525	"
Lizzie Jane Murphy.....	515	"
Minnie Beulah Edgett.....	497	"
Annie Sophia Murphy.....	496	"
Gertrude Elizabeth DeMings.....	490	"
Mary Sophia Clay.....	471	"
Bertha Gaynell Gordon.....	452	"
Frank Brownell.....	446	"
Estella Smythe Giles.....	436	"
Greta Beryl Fraser.....	426	"
Stella May Dixon.....	412	"
Edna May MacKinnon.....	409	"
Minnie Swan.....	407	"
Percy Wilson.....	407	"
Vera Maude Baird.....	401	"

Supplementaries (2 Candidates).

Unsuccessful, (2 X, 23 IX).

**PARRSBORO.**—(59 Candidates).

XI. (11 Candidates).

David Clifford Williams.....	658	XI.
Ada Bessie Gibson.....	597	"
Jessie Blanche Boyd.....	543	"
Kathleen Philomena McLaughlin.....	524	"
Birdie Harrison.....	508	"
Bessie Elderkin Kirkpatrick.....	484	"
Ellen Augusta O'Regan.....	477	"
Cecil Regg Pickard.....	427	"

X. (26 Candidates).

Evelyn Ruby Harrison.....	397	XI.
Irene Gow.....	389	"
Robert Earle Day.....	741	X.
Sarah Marie Smith Fullerton.....	691	"
Clarence Edward Proctor.....	629	"
James Bertram Hayes.....	616	"
Gerald Gresham Aikman.....	607	"
William Errol Hayes.....	583	"
Janie Marie Roberts.....	557	"
Violet Louise Gallagher.....	544	"
Frank Layton.....	520	"
Isabel Maud Gallagher.....	506	"
Hattie Gladys Fillmore.....	482	"
Blair Cameron.....	470	"
Alice Muriel Knowlton.....	459	"
Vera Muriel Clay.....	452	"
Alice Lutelia Dow.....	452	"

IX. (20 Candidates).

Theresa Brown.....	279	XI.
Marion Theresa Fullerton.....	398	X.
Minnie Maxwell Thompson.....	391	"
Richard Nicholas Tyler.....	386	"
Myrtle Ray Jeffers.....	379	"
Hattie Blanche Canning.....	362	"
Hattie Olivia Lamb.....	346	"
Ada Hunstone Lavers.....	343	"
Leah Mary Lamb.....	321	"
Ellen May Pettigrew.....	318	"
Frederick Waycott Young.....	782	IX.
William Lawrence Layton.....	633	"
Iva May Graham.....	615	"
Minnie Grigor Adams.....	596	"
Clair Alien Patterson.....	527	"
Leslie Otis Schurman.....	476	"
Edward A. Law.....	476	"
Effie Vivian Allen.....	420	"
Edith Edna Thompson.....	417	"
James LeRoy Thorne.....	417	"
Lily Morton Taggart.....	411	"
Birdie Ross.....	408	"

Supplementaries (2 Candidates).  
Unsuccessful, (2 X, 8 IX).

**PICTOU.**—(170 Candidates).

XII. (19 Candidates)

Isabel McGillivray Grant.....	1696	XII. cl
John Edmund Belliveau.....	1419	" sc.
Alexander Thomas McKay.....	1280	XII. cl
Annie Letitia Murray.....	1233	" sc
Eugene Troop Parker.....	1172	" "

XII. "Partial" (16 Candidates).

Hazel Fowler Baird (passed in 10 out of 17 subjects).....	627	XII par.
Sadie Elizabeth Porter (passed in 9 out of 12 subjects).....	601	XII par.

## XI. (31 Candidates).

Gertrude Bertha Rafuse	1049	XII
Lida Jean Roy	1029	"
Howard H. Mussells	1001	"
Florence MacFarlane	929	"
Minnie B. Berringer	874	"
Reginald Rockwell	1033	XI
Jack H. L. Johnstone	997	"
Albert Hugh MacKinnon	680	"
John Welsford Macdonald	627	"
John Archibald Currie	611	"
Warren Fullerton Clarke	575	"
William Hysanth Norman	548	"
William Alexander Sutherland	542	"
Jessie May Forbes	490	"
James William Fraser	488	"
Howard Archibald MacIntosh	485	"
Elizabeth Atcheson Kennedy	474	"
Ralph Burgess Carson	469	"
Mabel Catherine MacKay	456	"
Christena Margaret MacKenzie	453	"
George Hector MacKay	446	"
Sarah Ellen Reid	440	"
Janie MacKay	432	"
Winnifred Grattan	425	"
Donald Alexander Cumming	421	"
Stanley Bliss Trites	417	"
Jennie Stewart MacIntosh	404	"

## X. (48 Candidates).

Margaret Jean Scott	1014	XII.
Susie MacQueen Robertson	882	"
Katie Carmichael Fraser	397	XI.
John Leslie McLeod	378	"
Constantine Dellis	373	"
Florence Dewar	356	"
Isaac Matheson Fraser	338	"
Mina Ella Sutherland	330	"
Alice Edna Heighton	301	"
Wm. Jas. Fitzpatrick Graham	300	"
Katherine Stewart Mowat	729	X.
Catherine Margaret Fraser	612	"
Charlotte Woodman Maclellan	584	"
Maimie Gerrard Ross	568	"
Frank Somerville Carson	537	"
Jessie Ann Macdonald	528	"
Relda Mary MacKean	494	"
Eleanor Heughen	479	"
Sadie MacKay Robinson	477	"
Annie Josephine Mullins	473	"
Harold Lauchlen McInnis	459	"
Florence Anna MacKenzie	459	"
Ernestine Frances Hatch	445	"
Sadie MacDonald	444	"
Bertha Helen Davies	442	"
James English	442	"
Annie Jessetta Ross	438	"
Bessie May Murray	419	"
Janet Baillie	418	"
Mary Mildred Hamblen	412	"
Margaret Joyce Munro	410	"
Daniel Angus MacKenzie	406	"
Elsie Craig Fraser	401	"
Jean Semple	400	"

## IX. (50 Candidates).

John James Maclellan	235	XI.
James MacGregor MacIntosh	396	X.
William Hogg Morrison	392	"
Ella Isabella Alice Fraser	390	"
Alex. Fraser Macdonald	388	"
Kate MacBeth	381	"
Anna Jane McInnis	375	"
Bessie Scott MacDonald	355	"
Norman Graham Reid	348	X.
Margaret Ethel MacKenzie	354	"
Annie Laurie Elliott	338	"
Mary Florence Currie	336	"
Ida Maud Chisholm	334	"
James William MacPherson	324	"
Catherine MacKay	323	"
Euphemia Florence MacKenzie	321	"
George Hugh Henderson	686	IX.
Stanworth Spurgeon Morrison	657	"
Annie May MacLeod	640	"
Norman A. MacRae MacKenzie	623	"
William Fraser Munro	596	"
Isabel Lois Munro	485	"
Jamie Brittain Carson	484	"
Caroline MacTavish	475	"
Gladys Sutherland Matheson	463	"
John Duncan McDonald	453	"
Harold Richard Tanner	450	"
Eric Arthur Wm. O'Terrall	450	"
Jessie Fulton Head	444	"
Stella Desmond	419	"
Agnes Ruth Creighton	413	"
Eleanor Winifred Matheson	408	"
Harold Vernon Ferguson	400	"

## Supplementaries (2 Candidates).

Unsuccessful (7 XII, 14 XII "partial,"  
9 X, 33 IX).

## PORT HAWKESBURY.—(58 Candidates).

## XI. (8 Candidates).

Katherine Jane Ross	631	XI.
Annie Jessie Ross	558	"
Martha Jane Hennessey	444	"
Charles Frederick Urquhart	424	"
Eva Belle Hennessey	402	"
Gordon Stewart Walker	402	"

## X. (18 Candidates).

Jessie Anna Forbes	366	XI.
Grace Catherine Maclean	358	"
Annie Bell McKichan	487	X.
Marion Emily Martin	422	"
Muriel Helen Urquhart	405	"

## IX. (29 Candidates).

Ronald John McDougall	354	X
David Thornton Embree	352	"
Nina Evelyn Embree	348	"

Malcolm James MacMillan . . . . .	341	X.
John Charles McLeod . . . . .	336	"
Mamie Elizabeth Proctor . . . . .	311	"
Susan Proctor Langley . . . . .	302	"
Mary Angilla Strachan . . . . .	546	IX.
William Albert McQuarrie . . . . .	531	"
Katie Sophia Matheson . . . . .	477	"
Rhoda Gladys Smith . . . . .	410	"

Supplementaries (3 Candidates).

Unsuccessful (8 X, 25 IX).

**PORT HOOD.**—(32 Candidates).

XI. (8 Candidates).

Mary Cassie McKinnon . . . . .	600	XI.
Geo. Azel Bryant Cameron . . . . .	563	"
Jennie Vivien Gray . . . . .	533	"
Elizabeth Bell . . . . .	496	"
Christina Ellen McDonald . . . . .	495	"
Edith Morrison . . . . .	492	"
Mary Beatrice Smyth . . . . .	476	"
John MacMaster . . . . .	430	"

X. (13 Candidates).

Edward Richardson Bell . . . . .	527	X.
Susie Robertson Smith . . . . .	503	"
Richard Leslie MacLean . . . . .	481	"
John Ross Smith . . . . .	466	"
James Moran . . . . .	442	"
Mary S. MacDonald . . . . .	419	"
Honora E. Smith . . . . .	415	"

IX. (11 Candidates).

Thomas Arthur Bayne . . . . .	369	X.
John Richard McDonald } . . . . .	368	"
Ita Elizabeth Smith		
Patrick Murphy . . . . .	553	IX.
Harold Benjamin Watts . . . . .	509	"
Louise Wilson Burgess . . . . .	490	"
Robie Marshall Smith . . . . .	416	"
Harvey Richard Smith . . . . .	412	"
Mary Florence McLellan . . . . .	402	"
Mary Belle McDonald . . . . .	401	"

Unsuccessful (3 X, 4 IX).

**RIVER JOHN.**—(43 Candidates).

XI. (8 Candidates).

Sarah F. Christina Downing . . . . .	537	XI.
Mamie Anna Gunn . . . . .	535	"
Jean Henry . . . . .	450	"
Annie Marguerite Collie . . . . .	447	"

X. (16 Candidates).

Annie Stewart Grant . . . . .	400	XI.
Minnie C. MacLanders . . . . .	373	"
Lena Anna McKay . . . . .	325	"

Alexander Margaret Murray . . . . .	490	XI.
Margaret Jean McLeod . . . . .		"
Alexander William Munro } . . . . .	437	"
John Archibald Murray . . . . .	431	"
Kenneth Herbert Gray . . . . .	417	"
Henry Hilbert Dwyer . . . . .	416	"

IX. (19 Candidates).

Pearl McDonald . . . . .	307	XI.
Annie Gordon Mitchell . . . . .	396	X.
Jennie Henrietta MacBain . . . . .	379	"
Ella Mary McKay . . . . .	352	"
Lander Mitchell . . . . .	347	"
William Lawrence Langille . . . . .	337	"
Mabel Ellen Langille . . . . .	333	"
Ada Frances Redmond . . . . .	315	"
Christine Lillian Murray . . . . .	460	IX
John Hugh Ross . . . . .	414	"

Unsuccessful (3 X, 17 IX).

**SHEET HARBOR.**—(50 Candidates).

XI. (5 Candidates).

X. (18 Candidates).

Winnifred Baker . . . . .	377	XI.
Mary Jeanetta A. Barkhouse . . . . .	350	"
Lilie May Hilchie . . . . .	507	X.
Gladys Pearl Jewers . . . . .	463	"
Stella Beatrice Hilchie . . . . .	441	"
Annie Mae Fahie . . . . .	440	"
Aleda Tupper . . . . .	438	"
Alwilda May Parlee . . . . .	416	"
Margaret Fahie . . . . .	411	"

IX. (27 Candidates).

Christena Winnifred MacInnis . . . . .	291	XI.
John Arnot Malay . . . . .	255	"
Nettie Elizabeth Whitman . . . . .	251	"
May Agnes Fahie . . . . .	395	X.
Hattie Beatrice Josey . . . . .	386	"
Odessa May Pye } . . . . .	371	"
Minnie Florence Hartling		
Percy Raymond Hurley . . . . .	366	"
Ralph Rennels Hartling . . . . .	344	"
Rosamond Elizabeth Macdonald . . . . .	313	"
Alice Margaret Smith . . . . .	461	IX.
Eva Isabella Smith . . . . .	437	"
Unsuccessful (4 X, 25 IX).		

**SHELBURNE**—(43 Candidates.)

XI. (7 Candidates).

Edward Raymond MacLellan . . . . .	541	XI.
Mildred Lena Ryer . . . . .	488	"

X. (11 Candidates).

William Douglas Morton . . . . .	385	XI.
Gladys Rowena McGinnis . . . . .	363	"

Jessie Bertha Cameron.....	318	XI.
Harold Glen Pentz.....	576	X.
Kathryn Thorbourn.....	520	"
Robert Smith.....	498	"
Mary Matilda Bruce.....	493	"
Alice Whitefield Firth.....	480	"

IX. (22 Candidates).

Cecil Murray MacKay.....	291	XI.
Joseph Wilfred Bruce.....	249	"
Louise Wilhelmina Freeman.....	392	X.
Marion Ramona Thorbourn.....	387	"
Hattie Helen Davis.....	374	"
Annie Belle Bethune.....	364	"
Muriel Elizabeth Stephens.....	307	"
Mildred Victoria Bruce.....	673	IX.
Ruth Thorbourn.....	633	"
Emily Russel Coumans.....	599	"
James Stanley Nickerson.....	560	"
Robert Hartshorn Morris.....	506	"
Jean Stewart Morton.....	490	"
Donald McGowan Bower.....	485	"
Carrie Estella Bowlby Phillips.....	460	"
Ada Marguerite Hunter.....	437	"
Elizabeth Florence Bower.....	430	"
Janie Freeman Giffin.....	409	"
Lois Maud Miller.....	402	"

Supplementaries (3 Candidates).

Unsuccessful (1 X, 10 IX).

**SHERBROOKE.**—32 Candidates).

XI. (6 Candidates).

Alexander Daniel Archibald.....	518	XI.
Gertrude Belle Kirk.....	508	"
Janet Catherine McMillan.....	428	"

X. (7 Candidates).

John Samuel Adam Gunn.....	368	XI.
John Angus Macdonald.....	345	"
Daniel Henry McDonald.....	496	X.
Rosie Ellen Fraser.....	454	"
Alice Maud Eleanor Ashton.....	442	"

IX. (18 Candidates).

Alice Maxwell McDaniel.....	300	XI.
James Geo. Stewart Archibald.....	394	X.
James Hugh Hartling.....	369	"
Annie Blanche Cropley.....	368	"
Erma Florence Mason.....	353	"
Ethel May Chisholm.....	564	IX.
Catherine Agnes Mason.....	549	"
Vera Elizabeth McLane.....	514	"
Edgar Morse Hewitt.....	450	"
Helen Hester McKay.....	448	"
Martin William Gunn.....	436	"
Frances May Cameron Gunn.....	419	"

Supplementaries (1 Candidate.)

Unsuccessful (11 IX).

**SPRINGHILL.**—(46 Candidates).

XI. (15 Candidates).

Gertrude Augusta Bent.....	522	XI.
Mabel Hall.....	505	"
Percy Evans Boss.....	486	"
Minnie Catherine Elliott.....	483	"
Elizabeth Matthews.....	472	"
Jennie Elizabeth Ross.....	470	"
Laura Augusta Brown.....	444	"
Catherine Isabel MacDonald.....	402	"

X. (13 Candidates).

Ellen Cora Brown.....	411	XI.
James Haliburton McLaughlin.....	396	"
Jane McLeod.....	373	"
Patrick Joseph Carrigan.....	370	"
Delia Jane Brown.....	345	"
Augusta England Paul.....	341	"
Ida Isabella Chandler.....	607	X.
Melbourne O'Brien.....	606	"
Laura MacPherson.....	547	"
Fraudena Isabel Gilroy.....	521	"
Francis Dane Davison.....	502	"
Vida Johnson MacDonald.....	456	"
Elizabeth McPherson.....	451	"
Annie Catherine Broidy.....	445	"
Cecil Thomas Blenkhorn.....	429	"
Lulu Isabel Macaulay.....	404	"

IX. (17 Candidates).

Ethel Morton MacDonald.....	311	XI.
Anna Heath Parsons.....	355	X.
Mildred Smith.....	350	"
Herbert Fielding Paul.....	603	IX.
Thursie Blake Wheatherbee.....	582	"
Annie Joy Ross.....	564	"
Robert Roy Murray.....	535	"
Anna Loretta Canning.....	523	"
Mary Matthews.....	500	"
Annie May McDonald.....	497	"
Grace Crowe.....	491	"
Leona McPherson.....	477	"
Margaret Nettie Archibald.....	474	"
Clarence Russel Gilroy.....	444	"
Sadie Lillian Bent.....	427	"
Genevieve Fletcher.....	412	"

Supplementaries (1 Candidate.)

Unsuccessful (1 X, 4 IX).

**STELLARTON.**—(57 Candidates).

XI. (14 Candidates).

Sylvia Keith.....	736	XI.
Margaret Irene Fellows.....	640	"
John Alexander Fellows.....	624	"
Minnie Ross.....	560	"
Jessie Ann MacLean.....	455	"

Margaret Gray Miller.....	445	XI.
Margaret Catherine Fraser.....	437	"
Annie Isabel McIntosh.....	405	"

X. (12 Candidates).

Elizabeth Esther Fraser.....	377	XI.
Marion Parlee.....	363	"
John Daniel Tupper.....	342	"
Wilhelmina Irene Thompson.....	338	"
Daisy Riddle Thompson.....	337	"
James William Foster Gill.....	791	X.
Ethel Annette MacKenzie.....	667	"
John Henry Chateaufvert.....	614	"
Levena Elizabeth Stewart.....	568	"
Christina Dey MacLeod.....	545	"
William Percy Thompson.....	518	"
Arthur Buchanan McKay.....	494	"
Clarissa Frances Stevens.....	446	"
Alexander Maynard Thompson.....	438	"
William Herbert Outerbridge.....	425	"
Elizabeth Catherine Mason.....	416	"

IX. (31 Candidates).

Ethel Janet MacKay.....	278	XI.
Elsie Calder.....	388	X.
Jessie Blanche McWilliam.....	641	IX.
Newton Langston Miller.....	600	"
Abbie Lorene Ferguson.....	598	"
Annie McGregor Ross.....	553	"
Eva Kate MacLean.....	511	"
Hazel Helen MacKay.....	484	"
Elsie Reynolds.....	471	"
Christina Maude McIntosh.....	430	"
Amanda Alberta Mullins.....	416	"
Margaret Edna Munro.....	410	"
Elizabeth Davidson McKay.....	403	"

Unsuccessful (20 IX).

**ST. PETER'S.**—(71 Candidates.)

XI. (9 Candidates).

Eben Kenneth McAulay.....	436	XI.
Maude Hutchinson Matheson.....	428	"
Hervey Matheson Boyd.....	425	"
Annie Kemp.....	414	"
John Boyd Kyte.....	413	"

X. (31 Candidates).

Archibald Angus McCuish.....	405	XI.
Margaret Jessie Macdonald.....	393	"
Annie Elda Thompson }.....	534	X.
Florence Ann Macneil }		
Ernest Angus McPhee.....	475	"
Mabel Hattie Burke.....	474	"
Clara Emma Macneil.....	440	"
Florence Sanipson.....	433	"
Charlotte Mary Devereux.....	428	"
Alice Rachel MacVicar.....	422	"
Jessie Kathryn Holmes.....	417	"
Hector Downie Kemp.....	416	"

IX. (30 Candidates).

Angelia Elizabeth Kyte.....	288	XI.
Ella Hattie Morrison.....	283	"
Abraham Beranger.....	405	X.
Hugh James McDonald.....	399	"
Hugh Cameron Boyd.....	398	"
Ada Anna McAulay.....	396	"
Rebecca Burns McLean.....	394	"
Charles Herman Macneil.....	391	"
Sarah Sophia Burke.....	389	"
Kenneth Roderick Ferguson.....	387	"
Ernest Leo McNeil.....	372	"
Walter Urban Martell.....	349	"
Julia Beatrice Coffey.....	346	"
Mary Elizabeth Macneil.....	338	"
Mary Louise Sampson.....	335	"
Arthur Hugh Cameron.....	332	"
Katie Morrison.....	300	"
Alice Patricia Cottie.....	517	IX.
William James Mombourquette.....	507	"
Joseph Russell Boyd.....	476	"
Mary Josephine Kyte.....	443	"
Daniel Gillis.....	438	"
Mary Tena McRae.....	435	"
Jessie Bell MacLean.....	423	"
Archibald Alexander McFarlane.....	418	"
Granville Morrison.....	411	"
Charlotte Sabine Currie.....	410	"

Supplementaries (1 Candidate).

Unsuccessful (5 X, 21 IX).

**SYDNEY.**—(119 Candidates.)

XII. (4 Candidates).

Mary Eureka Fulton.....	1180	XII sc.
James Boyle.....	1176	" cl.
Bernard J. McDaniel.....	1077	" cl.

XII. "Partial" (9 Candidates).

XI. (14 Candidates).

Bernard Lorenzo Walshe.....	976	XII.
Henrietta Leda Hamilton.....	786	XI. 1
Jennie Grantmyre.....	613	"
Lewis MacLeod Fulton.....	590	"
Hazel Blackmore Wright.....	565	"
James Clarke MacDonald.....	543	"
Christine MacKinnon.....	476	"
Domitella Mary Burke.....	433	"

X. (33 Candidates).

N. Edgar Young.....	366	XI.
Lottie MacKenzie.....	365	"
Hazel MacDonald.....	351	"
Bessie Catherine MacDonald.....	341	"
Maude Vivian Ross.....	318	"
Daisy Florence MacDonal.....	307	"
Irene Gertrude Brenner.....	939	X.
Jessie May MacKinnon.....	728	"
Harold Archibald Smith.....	650	"

Rannie MacKinnon.....	635	X.
Alice Purcell.....	633	"
Annie W. Cameron.....	630	"
Malcolm Alexander Patterson.....	614	"
Leah Worgan.....	551	"
Mary McNeil.....	538	"
Nathaniel Nathanson.....	522	"
Annie May Donaldson.....	518	"
Hannah Mary Bearse.....	487	"
Florence Campbell.....	479	"
Jean Stuart MacKenzie.....	476	"
Denis Joseph Mulcahy.....	472	"
Lottie Marion Morrison.....	457	"
Zillah Hudson Young.....	453	"
John Phillip Fraser.....	430	"
Alice Barbara Herring.....	407	"

IX. (56 Candidates).

Phillip MacKay.....	398	X.
Catherine Donovan.....	391	"
Elsie Muriel Martel.....	389	"
Margaret McMillan.....	388	"
Mabel McDougall.....	387	"
Thomasina Marion Fletcher.....	378	"
Elizabeth MacIsaac.....	374	"
Mamie Macdonald.....	353	"
Annie Cameron.....	345	"
Blanche Honorah Bates.....	334	"
Mary Frick Jennison.....	736	IX.
Ella Myrtle Stanley.....	653	"
Margaret Mary Cameron.....	646	"
Leslie Kenneth White.....	621	"
Roy Daniel Robinson.....	604	"
Lawrence Townley Curry.....	589	"
Sarah Ann McDonald.....	576	"
Elizabeth Mary Power.....	576	"
Peter Jacob Nilsen.....	566	"
Laura MacLeod.....	560	"
Harold Alexander Hart.....	548	"
John Henry Thompson.....	547	"
Rose Agnes Gillis.....	532	"
Frederick Charles Burchell.....	517	"
Flora Caroline Matheson.....	512	"
Annie Farquharson.....	506	"
George Nathanson.....	496	"
Marie Louise Brown.....	492	"
John Israel McDonald.....	491	"
Annie Caroline MacKenzie.....	480	"
Edna Frances Gough.....	467	IX.
Amy Florence Roberts.....	452	"
Rannie J. McDonald.....	447	"
Mabel Ida Norris.....	446	"
Margaret Mary Campbell.....	446	"
Mary Lizzie MacKinnon.....	437	"
John Archibald Campbell.....	431	"
Warren Penny.....	413	"
Walter Augustine Power.....	406	"

Supplementaries (3 Candidates).

Unsuccessful (9 XII "partial" 1 XI, + X,  
27 IX.)

**TATAMAGOUCHE.**—(61 Candidates.)

XI. (12 Candidates).

James Porteous Menzie.....	733	XI.
Charles Leon Gass.....	658	"
Frank Harris Patterson.....	629	"
Jean McIntosh Craig.....	600	"
Lloyd Cumming Donaldson.....	574	"
Etta Verine Nelson.....	565	"
Mary Maud Currie.....	485	"
Nellie Sedgewick Currie.....	461	"
Agnes Marion Miller.....	415	"
Libbie May Thomson.....	401	"

X. (18 Candidates).

Margaret Bell McNeil.....	412	XI.
Jessie Bell McKay.....	388	"
Hattie Evelyn Weatherby.....	476	X.
Hilda Berenice Langille.....	471	"
Christena A. Sutherland.....	438	"
Harry Alexander Stanley Waugh.....	424	"
Anna Maud Bailey.....	422	"
Lizzie Ellen Hickey.....	415	"
Nina Rosamond Betts.....	404	"
John Donald Sutherland.....	404	"
Jennie Bell Cameron.....	402	"

IX. (28 Candidates).

Olive Thompson Forbes.....	391	X.
Mona Tattrie.....	367	"
Janie Carruthers Byers.....	367	"
Lily Ethel Forbes.....	364	"
Maggie Jeanette Byers.....	360	"
Jennie May Langille.....	344	"
Christena May Ferguson.....	306	"
Violet Estelle Mattatall.....	486	IX.
Irene May Wilson.....	452	"
Lillian Geneva Miller.....	451	"
Laurence Russel Sutherland.....	446	"
Harriet Amanda Henderson.....	434	"
Janetta Annie McKay.....	426	"
Edith Jane Beattie.....	413	"

Supplementaries (3 Candidates).

Unsuccessful (2 X, 21 IX).

**TRURO.**—(238 Candidates.)

XII. (13 Candidates).

Harold Simmonds Davis.....	1829	XII sc. or cl.
Robert David McCleave.....	1496	" sc.
Marg't Electa McLellan.....	1416	" "
Fenwick Leopold Shaw.....	1333	" "
Marg't Augusta Doane.....	1287	" cl.
Mabel Lockwood Leaman.....	1192	" "
Daniel Scott Brennan.....	1189	" sc.
Gordon Lewis Wright.....	1162	" "
A. Parker Archibald.....	1135	" "
W. Alexander Cameron.....	1130	" "
Otis Stanleigh Cox.....	1081	" "



XII. "Partial" (11 Candidates).

Jessie Laurence Macdougall, (passed in 30 out of 30 subjects..... XII sc & cl  
 Harry Percy McDonald (passed in 14 out of 18 subjects..... 894 XII par.

XI. (44 Candidates).

Alice Maud O'Brien..... 1046 XII.  
 Alice Audrey Linton..... 808 XI.  
 Laurence Edward Brownell..... 801 "  
 Maynard Brown Archibald..... 757 "  
 Waldo Perley Crowe..... 751 "  
 Carl Margeson Eaton..... 746 "  
 Fred Margeson Bishop..... 741 "  
 Margaret Dorothy Waddell..... 665 "  
 Sara Miller Dennis..... 652 "  
 Philip Harold Hamon } ..... 579 "  
 Violet Christina MacDonald }  
 Elizabeth Ann Clark..... 552 "  
 John Lewis Pattillo..... 532 "  
 Bessie Joyce Clarke..... 531 "  
 Daisy Lillian Gass..... 517 "  
 Alice Davison Hill..... 505 "  
 Alice Hallett..... 474 "  
 Florence Olney Lewis..... 456 "  
 Jessie Parker Smith..... 444 "  
 Ida DeTerranean Turner..... 437 "  
 Ethel May Brison..... 418 "  
 Charles Henry Burns..... 417 "  
 Dorothea Alison Blanchard..... 416 "  
 Mabel Irene English..... 415 "  
 Margaret Ethel Hunter..... 411 "  
 Sadie Esther Vance..... 404 "  
 James Paul Norrie..... 403 "  
 Suther C. Vance..... 402 "  
 Christine Grant..... 401 "

X. (75 Candidates).

Margaret Rebecca O'Brien..... 1213 XII.  
 James Gass..... 408 XI.  
 Emma Jane Hawkins..... 399 "  
 Daniel Gasper..... 392 "  
 Nellie Parker Fulton..... 384 "  
 Mary Pearl Meadows..... 383 "  
 Anna Maude Jeffers..... 377 "  
 James Meikle Archibald..... 374 "  
 Laura Catherine Fraser..... 371 "  
 Albert Stanley Lewis..... 362 "  
 Margaret Harriett Gillespie..... 361 "  
 Frances Rutherford Hennessy..... 341 "  
 Priscilla Scothorn..... 323 "  
 Eleanor Blanche McLean..... 305 "  
 Mary Sophia Fulton..... 300 "  
 Mary Caroline Moxon..... 869 X.  
 Arnold Rodrick McLeod..... 835 "  
 Lillie Drysdale Barrett..... 797 "  
 Sarah Christie Morgan..... 761 "  
 John Barrie Dickie..... 722 "  
 Daniel Williams Hoar } ..... 709 "  
 Margaret Ellen Stevens }

Annie Etoile Fulton..... 698 X.  
 Leslie Briggs McCurdy..... 665 "  
 Sarah Margaret Fulton..... 664 "  
 Annie Laura Logan..... 623 "  
 Charlesenna MacDonald..... 612 "  
 William George Magee..... 610 "  
 Minnie Myrtle Bryson..... 606 "  
 Minerva Brenzelia McConnell..... 602 "  
 Herbert James Barrett..... 599 "  
 Hortense Slade Blackmore..... 562 "  
 Ottilie Caddell..... 549 "  
 Walter Roy Archibald..... 545 "  
 George Arthur Bruce..... 538 "  
 Stanley W. Chambers..... 530 "  
 Myrta Corynne Lodge..... 524 "  
 Edward Murray Blair..... 522 "  
 Alexander Fraser Cameron..... 521 "  
 Alice Louise Johnson..... 515 "  
 Elsie McLeod..... 513 "  
 Ethel Tully..... 509 "  
 Jessie Marie Smith..... 497 "  
 Annie Christie Loughead..... 491 "  
 Elsie Blanche Dickson..... 489 "  
 Vera Elizabeth Elliott..... 488 "  
 Kate Lorraine Logan..... 487 "  
 James Birrell Spencer..... 484 "  
 Mary Ellen Dartt..... 482 "  
 Stanley Blair Crowe..... 476 "  
 Aileen Stewart Dickie } ..... 474 "  
 Kathleen Martina Hallisey }  
 Lewis Alfred Edwards..... 468 "  
 Myrtle Jessie Mingo..... 460 "  
 Minnie Cordelia Canning..... 452 "  
 Andrenna Frances Hefferman..... 450 "  
 Olive Florence McLaughlin..... 447 "  
 Clara Alice Crowe..... 433 "  
 Mary Morrison..... 432 "  
 Carletta Ellis Whidden..... 429 "  
 Medora Mulford Carter } ..... 426 "  
 Bella Crowe }  
 Stella Starr Christie..... 414 "  
 Jessie Berton Burrows..... 413 "  
 Winifred Regina Lockhart..... 412 "  
 Bessie Mabel Putnam..... 403 "

IX. (84 Candidates).

Kathleen Davies..... 275 XI.  
 Winnie Stelson McCurdy..... 399 X.  
 Martha Della Crowe..... 397 "  
 Jessie Ann Yeomans..... 396 "  
 Catherine Campbell } ..... 393 "  
 Mary Louise Hanway }  
 Lloyd Mahon Graham..... 383 "  
 Warren Elmo Cullen..... 379 "  
 Charles Ernest Hill..... 378 "  
 Mabel Brenton..... 376 "  
 Stella Mabel Higgins..... 373 "  
 John Joseph Wilson..... 372 "  
 Kenneth Morton Lewis..... 365 "  
 Laurie Martin Hanway..... 350 "  
 Jennie Alberta Robertson..... 349 "  
 George M. G. MacLean..... 333 "  
 Elizabeth R. Crowe..... 330 "  
 Margaret Alberta Goodwin..... 324 "

Maudie Elizabeth Brennan.....	308	X.
Florence Lillian Walley.....	302	"
Charlie MacKay.....	794	IX.
Margaret Lois Smith.....	758	"
Nita May Whyte.....	734	"
Roland Herbert Doane.....	733	"
Frank McLeod Carter.....	698	"
Elizabeth Ellen Ellis.....	678	"
Emily McCully Bryson.....	648	"
Jean Maud Carey MacDonald.....	646	"
Margaret Jane Christie.....	639	"
John Stewart Logan.....	616	"
Catherine Emily Adams.....	607	"
Robert Smith Adams.....	596	"
Grace Frances Huntley.....	594	"
Marjorie Kathleen Crowe.....	582	"
Evangeline Marie MacKenzie.....	570	"
Roy Kinsman.....	561	"
Elsie Vivian Simpson.....	557	"
Clara Jane Hill.....	555	"
Leah Marion Leck.....	554	"
Alice Eureka Wright.....	552	"
Joseph Austin Edwards.....	549	"
Jessie Campbell Sutherland.....	545	"
Ellenor Elizabeth McLellan.....	544	"
Violet Mary Robbins.....	536	"
Kathrine Publicover.....	535	"
Gladys Belle Ryan.....	525	"
Marie Eva Hamon.....	523	"
Frank Young Bryson.....	521	"
Ethel Gladys Johnson.....	518	"
Nellie Claire Wright.....	492	"
Roy Douglas Lewis.....	490	"
William L. Edwards.....	485	"
Pearl Victoria Boomer.....	476	"
Stanley Blair Crowe.....	475	"
Laurel Glenwood McCully }.....	470	"
Harriet Louise Lindsay }.....		
Russell Yuill }.....	467	"
Sidney Ebenezer Burns }.....		
John Francis Hallisey.....	465	"
Irene Laxton MacCurdy.....	460	"
Esther Davison Hill.....	456	"
Carey Judson Vaughan.....	455	"
Annie Clinton Johnson.....	445	"
Margaret Donalda Fraser.....	435	"
Bertha Inez Archibald.....	434	"
Myrtle Emma Higgins }.....	426	"
Hilda Lockhart McLearn }.....		
Fannie Louise Sutherland.....	416	"
Alice Catherine Phinney.....	414	"
Hudson Taylor.....	409	"

Supplementaries (11 Candidates).

Unsuccessful (9 XII "Partial" 1 XI, 5 X, 34 IX).

**UPPER STEWIAKKE.—(25 Candidates).**

X. (8 Candidates).

James Trueman Francis.....408 X.

IX. (15 Candidates).

Sara Lena Johnson.....	379	X.
Julia Johnson Rutherford.....	378	"
David Lester Dickie.....	376	"
Amy Harvey Archibald.....	375	"
Ruby Creelman Johnson.....	337	"
Irene Fisher.....	335	"
Martha Starratt O'Brien.....	479	IX.
Elizabeth Beatrice Grant.....	469	"
Margaret Jane Gourley.....	457	"
Blanche Edith Cox.....	442	"
John Geddie Archibald.....	425	"
Parker Alonzo Fulton.....	414	"

Supplementaries (2 Candidates).  
Unsuccessful (1 X, 9 IX).

**WESTPORT.—(29 Candidates)**

XI. (4 Candidates).

Eva Mildred Crocker.....	572	XI.
Viva May Ring.....	570	"

X. (9 Candidates).

Harry Stevens.....	377	XI.
Hugh Franklin Payson.....	320	"
Lola Beatrice Campbell.....	551	X.
Evelyn Marguerite Haines.....	524	"
Hilburne Maxwell Crocker.....	522	"
Verna Blanche Stevens.....	501	"
Maud Lewis Haines.....	428	"
Kate Hilda Stevens.....	403	"

IX. (11 Candidates).

Myrtle Lent Welch.....	348	X.
Florence Marion Lent.....	450	IX
Alice May Churchill.....	416	"
Lindsay Melbourne Finigan.....	400	"

Supplementaries (5 Candidates).  
Unsuccessful (2 X, 8 IX).

**WESTVILLE.—(27 Candidates).**

XI. (5 Candidates).

James Lee Matheson.....	594	XI.
William Rollo R. Gunn.....	547	"
Catherine Jean Fraser.....	420	"

X. (11 Candidates).

Edgar Boutillier.....	389	XI.
Christie Ann McQuarrie.....	320	"
Samuel Wilson Gray.....	414	X.

IX. (9 Candidates).

Jennie Muir.....	424	X
Janie Sharp.....	360	"
Florence Linda Murray.....	359	"

Harry Earle Britton	355	X.
Charles Robert Patterson	350	"
Fred Graham D. Blenkinsop	327	"
Marguerita Chisholm	318	"
Nettie Jane MacKay	305	"
George David Floyd	606	IX.
Mary MacBean	529	"
Harry Seaforth Morris	525	"

Supplementaries (2 Candidates).

Unsuccessful (2 X, 6 IX).

**WINDSOR.**—(121 Candidates).

XI. (17 Candidates).

Leora May Masters	797	XI.
Agnes May Christie	782	"
Kathleen DeWolfe Rathbun	763	"
Amy Rosina Bissett	740	"
Samuel Kempton Payzant	624	"
Effie Eugenia Mahan	618	"
Rachel Nalder Lunn	568	"
Mary Louise Mosher	451	"
Mary Edna Jenkins	432	"
Olivia Jeanette Francis	430	"
Fannie Hawes Stevens	428	"
Paul Mosher	423	"

X. (40 Candidates).

Ellen Bessie Hanna	366	XI.
Gertrude Clara Folker	350	"
Lottie Jean Smith	316	"
Blanche Helen Withrow	309	"
Harold Beverly Robinson	717	X.
Frank Christie Archibald	709	"
Ollie Dickie Borden		
Beatrice Laurier Pattison	704	"
Winthrop Stanley Shields	682	"
Terry Newton Bishop	666	"
Jean Pauline Dimock	648	"
Mary Ann Perry Jenkins	637	"
Roy Leo Bishop	625	"
Paul Eve Margeson	606	"
Lily Marguerite Lawrence	587	"
Ralph Erskine Spence	571	"
Frank Marvin Sharp	570	"
Alfred Francis Lawrence	557	"
Leona Mary Mitchner	539	"
Ruby Maria Comstock	537	"
Gladys Geraldine Stevens	536	"
Annie Laurie Parker	522	"
Edna Jean Miller	503	"
Minnie Phoebe Bishop	478	"
James Thomas Martin	472	"
Ethel Ivella Upshaw	468	"
Patrick Landers	465	"
Evelyn Mary Levy	426	"
Laurence Wm. Webster Slack	424	"
Elza May Shaw	423	"
Cyril Emslie Gowe	416	"
Eva May Smith	407	"
Nellie Maria Beach	406	"

IX. (60 Candidates).

Janie Underwood	224	XI.
Whitney Beazley	410	X.
Edward Hampton Smith	386	"
Mary Pamela Vaughan	382	"
Dora Roberta Wilcox	378	"
John Folker	376	"
Ethel Gertrude Sanford	368	"
Thomas Adam Card	366	"
Mabel Catherine Baxter	364	"
Mildred Claire Jenks	316	"
Gwendolyn Vaughan Shand	782	IX
Albert Clare Lawrence	724	"
Nora Kathleen Porter	723	"
Nina Matilda Jenkins	687	"
Mary Bertha Poole	614	"
Grover Cleveland Beazley	613	"
Flora Blanche Stillman	587	"
James Edward Bishop	576	"
Bicco Davison	574	"
Susan Palmer	572	"
Harry Coffill Comstock	553	"
Eva Gertrude Wilcox	551	"
Arthur A. Rolph	549	"
May Eulalie Nunn	536	"
George Roland Etter	526	"
Myrtle Belle Taylor	518	"
Henry G. MacGregor Crawford	516	"
Katie May Cochran	508	"
Charlotte Rae Crawford	469	"
Janet Louise Sanford	465	"
Helen Frances Brown	455	"
Arthur Paul Dill	439	"
Leona Amy Dorothy Mosher	434	"
Jessie Geraldine Hunter		
Lillian Marion Card	424	"
Nellie Alberta Smith	422	"
Edna Reynolds Card	420	"
Madge Allison Rathbun	412	"
Ethel May Stevens		

Supplementaries (4 Candidates).

Unsuccessful (2 X, 31 IX).

**WOLFVILLE.**—(74 Candidates).

XI. (18 Candidates).

William Carey Robinson	523	XI.
Gertrude Ethel Eaton	498	"
Clyde Walter Dennison	481	"
Olga Lyle Trenholm	415	"
Daisy Locke Eaton	413	"
Gladys Irene West	407	"
Hazel Jean Woodman	402	"

X. (21 Candidates).

Robie Francis Parker	406	XI.
Julia Shaw Illsley	403	"
Harold Everard Strong	392	"
Elsie May Nowlin	377	"
Saidee Elizabeth Ells	352	"
Edna Rebecca Shaw	348	"

Cora Evelyn Woodworth	317	XI.
Jennie Goldie Hubbard	316	"
Nora Alberta Palmeter	314	"
Whitney North Parker	313	"
Austin Aubrey Chute	655	X.
Bertha Lillian MacRae	562	"
Mary McKay Archibald	531	"
Marion Althea Eaton	503	"
Mary Frances Bowser	486	"
Florence Grace Messinger	481	"
William Cogswell Bell Card	471	"
Ross William Collins	447	"
Lila Elizabeth Chase	438	"
Evelyn May Johnson	430	"
Hannah Jean Chase	} 429	"
Margaret Selina Murray		
Mabel Alena Weaver	418	"
Lily Edyth Reade	405	"

IX. (32 Candidates).

Levi Erle Eaton	278	XI.
Bessie Blossom Harvey	394	X.
Henry Elmer Potter	383	"
Ermie Althea Weaver	356	"
Russel Charles Holt	354	"
Grace Terry Ruffee	350	"
Fred Rockwell Huntley	345	"
Catharine Vaughan Wright	} 685	IX.
Starr Whitney Fairweather		
Ada Mildred Johnson	682	"
Hilda Kathleen West	603	"
Sadie Elsie Wortman	594	"
Guy Nobles Stultz	559	"
Dora Fayette Cox	497	"
Katherine Roscoe Dawson	} 495	"
Enid Evelyn Higgins		
Hattie Olivia Benjamin	490	"
Eva Blanche Westcott	443	"
Martha Alice Kinnie	} 438	"
Helen Robertson Sawyer		
Margaret Pearl Bezanson	} 436	"
Jessie Joy Grant Duff		
William Charles Archibald	435	"
Mildred May Foster	417	"
Rhona Scott Wright	413	"

Supplementaries (3 Candidates).

Unsuccessful (1 X, 14 IX).

**YARMOUTH.**--(187 Candidates).

XII. (2 Candidates).

Letha Southwick Allen, 1511 XII. sc.

XII. "Partial" (6 Candidates).

James Harold Bingay  
(passed in 30 out of  
30 subjects) . . . . . 2046 XII. cl & sc.  
Jane Evangeline Cle-  
land (passed in 22  
out of 22 subjects) . . . 1661 XII. cl.

Florence Beatrice Hall  
(passed in 21 out of  
21 subjects) . . . . . 1507 XII. sc.  
Maud Edith Butler pass-  
in 9 out of 12 subjects 639 XII. par.

XI. (32 Candidates).

Randal Atwood MacDonal	767	XI.
Thomas Frederick Francis	734	"
Hazel Keith Ryder	728	"
George Erle O'Brien	696	"
Dennie Joseph Robicheau	668	"
Margaret Scott	651	"
Eddie Milton Addison Bleakney	604	"
Mattie Agnes Gold Dexter	597	"
Hedley Jenkins Ewan	562	"
Karl Kenneth Blackadar	553	"
Eva Isabella Gray	547	"
Gladys Elizabeth Seaman	529	"
Helen Sophia Ricker	512	"
Agnes Moses	506	"
Alice Allan Wetmore	505	"
Charlotte Eleanora Ricker	488	"
Rodney Vernon Saunders	487	"
Laura Bertha Edgar	477	"
Lena Estella Reeves	457	"
Nelly Wallis	447	"
Marion Gladys Crosby	439	"
Mary Sophia Belliveau	429	"
Addie May Churchill	428	"
Vera Lisle Churchill	413	"
Isabel Dorothy Kelley	408	"

X. (70 Candidates).

Simon Augustine Amirault	996	XII.
George William Lee Blackadar	410	XI.
Maude Evelyn Winter	} 398	"
Edith Sarah Amirault		
Annie Pearl Floyd	387	"
Mildred Allison Crosby	372	"
Ethelreda Coralie Saunders	331	"
Lolie Jane Wetmore	320	"
Clair Franklin Kinney	889	X.
Charlotte Melinda McGill	795	"
Ralph Hartley Wetmore	775	"
Charles Sydney Frost	677	"
Alvin Lewis Chipman	653	"
Charles Thomas Knowles Fuller	652	"
William Clifford Fritz	629	"
Hester Jane McGill	598	"
Florence Evangeline Perry	592	"
Hattie D'Entremont	591	"
Pearl Freeman Allen	590	"
Herman Leslie Porter	584	"
James Hall	570	"
Luther Asa Pattee	562	"
Georgie Dorothy Ross	559	"
Rose Delphine Surette	556	"
Carrie Carmen Froshy	554	"
Charles Douglas Robbins	551	"
Charles Amasa Trefry	549	"
Gertrude Josephine Baker	539	"
Pearl Kinney Andrews	532	"

Edward D'Entremont.....	518	X.
Helen Beth Beveridge.....	502	"
Aleck Magee Doty.....	492	"
Grace Sheldon Lewis.....		
Clement Victor Doane.....	489	"
Frances Gray Ross.....		
Genevieve Emily LeBlanc.....	488	"
Edith Maude Waite.....	478	"
Walter Neville McGrath.....	475	"
Charles Gordon Cann.....	473	"
Alpheé Simon Pothier.....	470	"
Thérèse Babin.....	460	"
Mary Scott Allen.....		
Mary Edna Moores.....	459	"
James Murrie Lent.....	462	"
William Lawrence Harding.....	456	"
Alma Maggie Doucette.....	450	"
Rhoda Mary D'Entremont.....	444	"
Nemerise Surette.....	433	"
Muriel Currier Robbins.....		
Doris Perry.....	432	"
Lizzie Vine Hatfield.....	431	"
Mary Rebecca Frost.....	428	"
Anita Bourque.....	426	"
Annie Myrtle Wyman.....	421	"
Emma May Hatfield.....	417	"
Freda Belle Morton.....	413	"
William Evelyn Steele.....	407	"

IX. (75 Candidates).

Edith Stephanie Amirault.....	396	X.
Florence Rogers.....	389	"
Arthur Edgar Rogers.....	388	"
Muriel Gordon Helms.....	386	"
Nita Mae VanAmburg.....	385	"
Bessie Reta Hurlbert.....	382	"
Lizzie Ethel Porter.....	381	"
Jean Whedon Currier.....	379	"
Clifford Emerson Crocker.....	373	"
Lillian Morton.....		
Regina May Mood.....	366	"
Myra Welch Goudey.....	363	"
Harold Oswald Burrill.....	348	"
Mina Lawson Crosby.....	343	"
Effie Valinda Goodwin.....	339	"
Harold Edson Churchill Cook.....	322	"
Lyle Cleveland Fox.....	313	"

Julia Hilton Haley.....	730	IX.
Robert Leslie Smith.....	690	"
Marguerite Mack Elliott.....	677	"
Vera Helena Robbins.....	618	"
Edward Allen Creevy.....	588	"
Victor Corning Godfrey.....		
Robert Nehemiah Clements.....	583	"
Harold Watson Porter.....	582	"
Lena Maud Gray.....	564	"
Rilla Pearl Durkee.....	542	"
Joseph Harris Dexter.....	536	"
Eric Burrill.....	526	"
Frederica Craven Allen.....	518	"
Francis Joseph Pothier.....	517	"
Norma Hildred Kenney.....	513	"
Fannie Holden King.....	505	"
Estella Burneice Bullerwell.....	503	"
Edna D'Entremont.....	500	"
Mildred Bernice Winter.....	496	"
Inez Clara Burnett.....	494	"
Kenneth Kirk Gavel.....	490	"
Louise Stacy Potts.....	481	"
Minnie Leta Hall.....	479	"
Ada Margaret Edgar.....	468	"
Percy Cann.....		
Nellie Heartz Killam.....	465	"
Eva Marion Balkam.....	457	"
Mary Gertrude Seeley.....	456	"
Ruth Robbins Haley.....		
Viola Grace Cann.....	453	"
Ada Surette.....	452	"
Frederick George Wade.....	451	"
Frances Octavia Hildyard.....	450	"
Hilda May Ray.....	446	"
Hazel Emmagene Cann.....	437	"
Clyde MacKinnon.....	430	"
Robert Clive Frost.....	429	"
Eva Frances Hamm.....	428	"
Frank Crosby Wyman.....	424	"
Sarah Lurania Sullivan.....	420	"
Mary Alexandria Spears.....	417	"
James Irving Herkes.....	408	"
Jennie Adair Corning.....	406	"

Supplementaries (2 Candidates).

Unsuccessful (1 XII, 2 XII "Partial," 4 X, 31 IX).

# PASS LIST, 1907

## TEACHERS' PROVINCIAL EXAMINATION.

### MINIMUM PROFESSIONAL QUALIFICATION.

[See Comments and Regulations of the Council of Public Instruction, "Licensing of Teachers," Reg. 107 and 115, pages 96 and 99, Manual 1901.]

#### AMHERST.—(11 Candidates.)

Ethel Mary Shipley . . . . .	218	First Rank.
Charlotte Amelia Smith . . . . .	213	"
Helen Margaret MacLeod . . . . .	207	"
Ermina Grace Landels . . . . .	198	Second Rank
Jean Esmond Craig . . . . .	197	"
Jean Emeline McGregor . . . . .	196	"
Helen Gladys Harper . . . . .	193	"
Samuel Seymour Skinner . . . . .	186	"
Julia Agnes Blanche . . . . .	183	"
Beatrice Eliz. Nicol . . . . .	166	"
Sadie Ellen Shipley . . . . .	162	"

#### ANNAPOLIS.—(14 Candidates.)

Edna Matilda Wade . . . . .	223	First Rank.
Zilpha Amanda Wagner . . . . .	215	"
Mary W. Balcomb . . . . .	203	"
Josephine H. McKay . . . . .	196	Second Rank
Helen McA. Hardwicke . . . . .	190	"
Georgie E. Armstrong . . . . .	180	"
Flora R. Dondale . . . . .	172	"
Margaret M. Schaffner . . . . .	170	"
Lulu Alberta Simpson . . . . .	166	"
Hazel Irene Gibson . . . . .	161	"
Etta L. Schaffner . . . . .	146	"
Catherine I. Gormley . . . . .	139	Third Rank.
Josephine Louis Spurr . . . . .	131	"
Annie S. Whitman . . . . .	125	"

#### ANTIGONISH.—(33 Candidates.)

Dan Joseph Macdonald . . . . .	229	First Rank.
Alphonsus A. McKeough . . . . .	228	"
Ida Tompkins . . . . .	227	"
Rosemary Landry . . . . .	223	"
Sr. St. Dymphna . . . . .	218	"
Ioline Alice McSweeney . . . . .	215	"
Clara Virginia Bissett . . . . .	204	"
Nora Fyfe . . . . .	203	"
Mary Alvina Beranger . . . . .	198	Second Rank
Margaret Gillis . . . . .	193	"
Anna Regina MacPhee . . . . .	192	"
Frederick Wm. McInnis . . . . .	187	"
Helen Margaret Hayden . . . . .	186	"
Rary Wilmot . . . . .	183	"
Bebecca C. McKenzie . . . . .		

Messie A. MacNaughton . . . . .	182	"
Wilfred A. McKeough . . . . .	181	"
Mary C. Macdonald . . . . .	176	"
Jeanette MacArthur . . . . .	172	"
John F. McLean . . . . .		
Margaret Ann McNeil . . . . .	167	"
Mary Rose McGillivray . . . . .	164	"
Jennie Cameron . . . . .	154	"
Sarah E. Macdonald . . . . .		
Margaret M. Chisholm . . . . .	153	"
Mamie Gillis . . . . .	151	"
Loretta MacPherson . . . . .	148	Third Rank.
Margaret Gillis . . . . .	146	"
Mary A. Gillis . . . . .	141	"
Florence Forbes . . . . .	139	"
George Thomas Somers . . . . .	129	"
Libbie Campbell . . . . .	110	"

Failure (1 Candidate):

#### ARICHAT.—(8 Candidates.)

Henry Leo Gagnon . . . . .	186	Second Rank
Charles Jos. Forrest . . . . .		
John Daniel McKay . . . . .	168	"
Stephane Henri Brinck . . . . .	160	"
Lina Mauger . . . . .	156	"
Raoul Alphonse Brinck . . . . .	148	Third Rank.
Sr. Margaret Mary (M. E. Beranger) . . . . .	119	"

Failure . . . . . 1

#### BADDECK.—(12 Candidates.)

Emeline L. MacKenzie . . . . .	191	Second Rank
Mary Annie MacGregor . . . . .	187	"
Margaret May Morrison . . . . .	182	"
Marguerita C. McAulay . . . . .	181	"
Annabel Mabel Ross . . . . .	178	"
Janet Forbes Rose . . . . .	175	"
Johnina Morrison . . . . .	157	"
Minnie Belle MacMillan . . . . .	154	"
Violet Rose . . . . .	153	"
Malcolm D. McCharles . . . . .	151	"
John Lewis Rose . . . . .	146	Third Rank.
Dollina MacAskill . . . . .	141	"

BARRINGTON.—(17 Candidates).

Maggie Inez McGuire	190	Second Rank
Avis Ella Reynolds	183	"
Lottie G. Brannen	177	"
Leona Deborah Swaine		
Goldie G. Nickerson	176	"
Nettie Mae Nickerson	175	"
Mildred D. Nickerson	174	"
Pearl Vaughan Brannen	171	"
Matilda Anne Nickerson	167	"
Meda Louise Knowles	162	"
Ruth Mildred Nickerson	159	"
Mary Emma Atkinson		
Nettie Austena Goreham	152	"
Vesta Pearl Smith	147	Third Rank.
Ruby Violet Brannen	145	"
Lola Elizabeth Perry	139	"
Nora Amelia Ross	130	"

BEAR RIVER.—(14 Candidates).

Susan Brinton	215	First Rank
Walter Truman Ruggles	206	"
Myrtle J. Robbins	204	"
Mary Inez Porter	202	"
Mary Etta Gehue	201	"
Gladys Clarke	195	Second Rank
Beatrice Harriet Dunn	194	"
Effie McCoy Potter	179	"
Josephine M. Clarke	176	"
Willard Parker Read	174	"
Esther Maud Simpson	170	"
Nellie May Harris	168	"
Vernon Elwood Brown	146	Third Rank.
Mildred Louise Adams	143	"

BERWICK.—(13 Candidates).

Ida Belle Pineo	209	First Rank.
Lucy Amanda Illsley	201	"
Edna Pearl Swindell	182	Second Rank
Blanche Ronne Harris	180	"
Sadie Ethel Hale	178	"
Beatrice Mary Turner	169	"
Kate Oressa Morse	166	"
Merinda Robena Lawlor	162	"
Sadie Elizabeth Taylor		
Isaac Harold Spurr	160	"
Grace Lulu M. Lutz	148	Third Rank.
Bernard W. Skinner	141	"
Mabel Barteaux Fasson	129	"

BRIDGETOWN.—(7 Candidates).

Bessie Gladys Hoyte	239	First Rank.
Lilah Olivia Hutchinson	222	"
Florence May Cochrane	221	"
Alice Maude Troop	200	"
Josephine M. Salter	191	Second Rank
Eunice May Anderson	181	"
Blanche Jeanette Bent	174	"

BRIDGEWATER.—(15 Candidates).

Florence E. Publicover	202	First Rank.
Dena Evelyn Snyder	195	Second Rank.
Bessie Louisa Hall	193	"
Florence B. Newcombe	190	"
Agnes Alma Wynot	188	"
Ella May Thompson	181	"
Myrtle Nellie Morgan	179	"
Enid Cordelia Fralic		
Edith M. Burgoyne	173	"
Grace Mayfield Corkum	161	"
Alva Barbara Heman	159	"
Winnie F. Eisenhauer	153	"
Elise May Bolivar	147	Third Rank.
Leda Mary Hebb	141	"
Blanche C. Kaulbach	138	"

CANSO.—(5 Candidates).

Muriel Joyce Barss	199	Second Rank
Leda Myrtle Goodwin	190	"
Eva C. Kavanagh	176	"
Florence E. Kavanagh	175	"
Lee Everest Boyd	169	"

CHESTER.—(11 Candidates).

Austin Alvin Zinck	209	First Rank.
Louis Roland Bent	200	"
Olie Burgess Webber	191	Second Rank
Susie Amy Willett	185	"
Florence Hillard Zinck	178	"
Jessie F. Meisner		
Gertie E. Hawboldt	153	"
Carroll Howe Corkum	151	"
Livian May Hiltz	138	Third Rank.
Failures	2	"

DIGBY.—(13 Candidates).

Helen May Browne	225	First Rank.
Helen Bancroft	204	"
Helen Augusta Denton	180	Second Rank
Merle Fowler Bancroft	188	"
Ellery Gordon Dakin	186	"
Nina Belle Hutchinson	184	"
Mary Jane Hutchinson	181	"
Flora Genesta Dotey		
Bessie Mildred Denton	173	"
Margaret S. Raymond	163	"
Alma Maude Franklin	160	"
Guy Allen Dakin	159	"
Ermina Vesta Young	156	"

GLACE BAY.—(7 Candidates).

Jennie May Gillis	195	Second Rank.
Clara May Sampson		
Rachael McLean	185	"
Mary Elizabeth Miller	177	"
Phoebe McLeod	168	"
Sarah McRury	155	Third Rank.
Susan Isabell Hull	133	"

GREAT VILLAGE.—(11 Candidates).

Marion E. Roberts. . . . .	220	First Rank.
Myrtle Gertrude Lewis . . . . .	219	"
Lulu Belle Morrison . . . . .	212	"
Margareta Williams . . . . .	204	"
Nellie Lee I. Urquhart	} 197	Second Rank
Florence J. McCully		
Susie Copp Faulkner . . . . .	190	"
Agnes Eleanor Dawson . . . . .	189	"
Jennie Denny Crowe . . . . .	183	"
Gladys Irene Locke . . . . .	180	"
Cassie Edna Johnson . . . . .	172	"

GUYSBORO.—(11 Candidates).

Beatrice E. Gerrior . . . . .	174	Second Rank
Edward Lewis Connolly . . . . .	158	"
Michael Wilfred Gerrior	} 156	"
Nita Maria Maguire		
Ruth Ryerson Ferguson . . . . .	155	"
Charles Ernest Aikens . . . . .	154	"
Mary Theresa Kennedy . . . . .	138	Third Rank.
Mary Ellen Holloran . . . . .	135	"
Maud Hilda Callahan . . . . .	125	"
Nina Juliet Hadley . . . . .	124	"
Mary Margaret Hollarn . . . . .	122	"

HALIFAX.—(49 Candidates)

Sr. Marie Leonora . . . . .	230	First Rank.
Sr. Mary Edwina . . . . .	227	"
Althea F. Sutherland . . . . .	220	"
Amelia May Brokenshire . . . . .	217	"
Bernice H. V. Blakeney . . . . .	212	"
Anna M. Henderson	} 211	"
Gladys May Smith		
Sr. Marion Concepta . . . . .	205	"
Winifred M. Kennedy . . . . .	200	"
Elsie Clare MacKenzie . . . . .	198	Second Rank
Annie Isabella Drysdale . . . . .	195	"
Sr. Agnes Maria . . . . .	193	"
Effie May Thomson	} 192	"
Ada L. Shaffelburg		
Katherine Roche	} 191	"
Geraldine May Sterns		
Nellie C. McDonald	} 189	"
Beatrice E. Mumford		
Lenna Maie D. Jenner	} 187	"
Mary Roche . . . . .		
Helen Grace Dowell	} 186	"
Bernice Curry Wilson		
Sr. M. Camillus . . . . .	184	"
Ivy Jean Anderson . . . . .	183	"
Frances McGill . . . . .	181	"
Kathleen A. Vaughan . . . . .	180	"
Robert H. Stoddard . . . . .	179	"
Gertrude Maude Gentles . . . . .	177	"
Sadie Jane Spares . . . . .	176	"
Vera Belle Dowell . . . . .	174	"
Blanche Myrtle Myra . . . . .	172	"
Ella Agnes Morton . . . . .	169	"
Mary Eleanor Munro . . . . .	169	"
Lillian Sabina Crook	} 169	"

Nano Josephine DeVan . . . . .	168	Second Rank
Sarah M. Morash . . . . .	165	"
Muriel Annie Dorey	} 159	"
Rita Hastings Williams		
Flora MacGillivray . . . . .	158	"
Nora Ephrem O'Brien . . . . .	157	"
Harry S. Stevens . . . . .	155	"
Margaret A. Wickwire . . . . .	154	"
Kenneth Leslie . . . . .	152	"
Emma Marie Skerry . . . . .	146	Third Rank.
Sadie Emma MacQuarrie . . . . .	145	"
Ellen Sylvia Mosher . . . . .	140	"
Blanche Winifred Casey . . . . .	138	"
Irene Foley . . . . .	127	"
Jeanette Agnes Myers . . . . .	110	"

KENTVILLE.—(12 Candidates).

John Alex. McDonald . . . . .	203	First Rank.
Minnie Cordrey Chase . . . . .	196	Second Rank
Frances May Lydiard . . . . .	194	"
Cassie Olive Knowlton . . . . .	184	"
Evangeline Yould . . . . .	183	"
Miriam Jessie Cox	} 178	"
Nellie Viola Chute		
Eleanor A. Doherty	} 177	"
Charlotte M. Ogilvie		
Mary Gertrude Lamont . . . . .	176	"
Sadie Christine Webster . . . . .	175	"
Edith L. C. Moore . . . . .	166	"

LIVERPOOL.—(15 Candidates)

Gladys Pearl Chivers . . . . .	214	First Rank
Kate Gladys Dexter . . . . .	207	"
Nettie Tibert Freeman . . . . .	205	"
Muriel Dean Kempton . . . . .	204	"
Mary Theresa McGuire . . . . .	196	Second Rank
Gertrude B. Freeman . . . . .	192	"
Gladys Leta Kempton . . . . .	183	"
Mildred M. Reinhardt . . . . .	182	"
Ruth Holmes Hanley . . . . .	179	"
Vivian A. Freeman . . . . .	173	"
Ethel May McLeod	} 171	"
Matilda Millard Hagan		
Ida Florence Hartlen . . . . .	156	"
Eunice Pearl Freeman . . . . .	134	Third Rank.
Dorinda Freeman Shields	133	"

LOCKEPORT.—(5 Candidates)

Mary Eliza Mills . . . . .	215	First Rank
Florence Verona Lloyd . . . . .	211	"
Muriel Alida Harding . . . . .	187	Second Rank
Myrtle Louise Smith . . . . .	185	"
Annie Laura Matthews . . . . .	163	"

LUNENBURG.—(28 Candidates).

Anna Mary Rudolf . . . . .	240	First Rank.
Bessie Claribel Hebb . . . . .	224	"
Florence I. Dauphinee . . . . .	219	"
Eva Ella Rafuse . . . . .	218	"
Eva Hilda Herman . . . . .	207	"



Minnie Ina T. Veinotte	} 201	First Rank.
Harriet Eliza'th Holder		
Vera May DeLong	200	"
Seward William Hirtle	} 194	Second Rank
Beulah E.L. Eisenhauer		
Hannah Aileene Langille	189	"
Gladys Elva Myra	186	"
Alice Gertrude Weldon	185	"
David William Smith	} 184	"
Ethel Beulah Vogler		
Jessie Mary Ernst	} 182	"
Charlotte S. Earnst		
Mary Permillia Wentzell	177	"
Bertha Idell Hirtle	171	"
Leta May Bailly	} 169	"
Jessen E. Hirtle		
Idella Blanche Eisner	165	"
Mabel Winifred Eisnor	165	"
James O. Kaulbach	164	"
Clarence Webster Veinot	163	"
Mary Louise Inglis	161	"
Lillias Amy Ritcey	150	"
Grace Berlin Burke	143	Third Rank.

MABOU.—(10 Candidates).

John Y. MacKinnon	238	First Rank.
John Angus MacMillan	188	Second Rank
Annie Laurie MacNeil	186	"
John Archie Beaton	172	"
Winnifred Murray	161	"
Daniel MacMillan	155	"
Eva Christine MacKinnon	147	Third Rank
John Allan McPhail	143	"
Sarah Ann Beaton	134	"
Norman McLeod	132	"

MAITLAND.—(11 Candidates).

Ellen Faulkner	204	First Rank.
Susan O. Faulkner	197	Second Rank
Florence Mabel O'Brien	} 186	"
Miles Angus O'Brien		
Margaret B. Campbell	179	"
Martha Ann McLellan	177	"
Ruby Macdonald	170	"
Florence H. McKenzie	168	"
Ada Amelia King	166	"
Rebecca Ann Davidson	159	"
Bessie Johnson Tucker	150	"

MARGAREE HARBOR.—(4 Candidates)

Christena Cameron	144	Third Rank.
John Albert McLean	132	"
Daniel Moses Coady	110	"
Failure	1	"

MID. MUSQUODOBOIT.—(18 Candidates)

John Murdock Stewart	223	First Rank.
Gertrude L. Eastham	201	"
Eva Teresa Farnell	198	Second Rank
Grace Hanna	194	"
Flora Myrtle Goff	193	"

Jessie M. Sedgewick	187	Second Rank
Emma Lida Kent	186	"
Janet Pearson Cooper	} 177	"
Hattie Sarah Tays		
Olive Martha Gates	176	"
Jessie Clara Sutherland	171	"
Blanche Archibald	160	"
Gertrude J. Archibald	159	"
Alice Ormond Fox	163	Third Rank.
Elizabeth J. Dechman	145	"
Jean Lois Ritcey	141	"
Bertha Louise Moore	121	"
Failure	1	"

MIDDLETON.—(16 Candidates).

Hortense V. B. Spurr	216	First Rank.
Winnifred E. Jacques	206	"
Flossie Caroline Young	202	"
George K. Haverstock	201	"
Viola May McGinnis	191	Second Rank
Jeannette M. Grover	190	"
Ethel Winifred Gibson	183	"
Pauline Elizabeth Hall	181	"
Josie Almira Hiltz	172	"
Jennie Raymond Wotton	171	"
Giles Vernon Jacques	161	"
Vivian Alice Annis	160	"
Margaret B. Stevenson	159	"
Violet Deltena Jacques	158	"
Herman Clare Morse	146	Third Rank.
Sylvia Odessa Craven	141	"

NEW GLASGOW.—(23 Candidates).

Vera Blanche Clay	226	First Rank.
Mary Estella Kerr	215	"
Jessie Rose MacLean	189	Second Rank
Mabel Irene MacIntosh	187	"
Catherine Jane Jordain	186	"
Gertrude C. Fraser	} 184	"
Jessie Mary Grant		
Jennie Walker	178	"
Christina Jane McPhie	176	"
Robetta Jean MacKay	175	"
John Angus Cameron	172	"
Christina G. Dunbar	161	"
Neil A. MacLean	160	"
Alexander Rubert Fraser	158	"
Charlotte M. Grant	157	"
Millie McDonald	148	Third Rank.
Fannie Neal	146	"
Jennie Dunlavy	144	"
Bessie Margaret Bruce	142	"
John Hubert Craigie	} 139	"
Mary McGillivray		
Margaret McGirr	125	"
John A. T. Weatherbee	106	"

NORTH SYDNEY.—(10 Candidates).

Sister M. Andrea	194	Second Rank
Francis Leon	186	"
Mary Merritt	} 182	"
Carlotta Egan		

Charles Allen Gillis.....	179	Second Rank
Mary McCormick.....	164	"
Edna Sarah Knox.....	144	Third Rank.
Annie McCormick.....	132	"
Margaret MacLeod.....	130	"
Annie Broderick.....	107	"

OXFORD.—(15 Candidates).

Lizzie Jane Ross.....	200	First Rank.
Mary Lenora Porter.....	190	Second Rank.
Sadie Grace Baker.....	183	"
Maud Baird.....	182	"
Margaret Brown.....	179	"
Inez Eliza Hayward.....	178	"
Florence Etta Beebe.....	175	"
Agnes Lane Purdy.....	173	"
Lizzie Florence Stewart.....	168	"
Jean Frances Baird.....	166	"
Jessie Helen Shipley.....	164	"
May Eliza Chapman.....	163	"
Wylie Graham McIvor.....	160	"
Nettie Viola Lynds.....	146	Third Rank.
Earle Percy Angus.....	116	"

PARRSBORO.—(10 Candidates).

Mary Elizabeth Beaton.....	198	Second Rank
Kathleen P. McLaughlin.....	188	"
Florence Ethel Gibson.....	186	"
Jessie Blanche Boyd.....	181	"
Evelyn Ruby Harrison.....	176	"
Janie Marie Roberts.....	165	"
Hattie Olevia Lamb.....	161	"
Alice Lutilia Dow.....	158	"
Myrtle Roy Jeffers.....	155	"
Theressa Brown.....	152	"

PICTOU.—(27 Candidates).

Frank Thomas Macleod.....	215	First Rank.
Jessie Ellen Henry.....	212	"
Margaret C. Fraser.....	211	"
Eugene Troop Parker.....	205	"
John E. Belliveau.....	195	Second Rank
Christena I. Sutherland.....	193	"
Susie MacQ. Robertson.....	192	"
Alexander Rae Campbell.....	189	"
John Leslie McLeod.....	188	"
Bessie Jean Cameron.....	188	"
Florence A. MacKenzie.....	182	"
Warren F. Clarke.....	180	"
Minnie B. Berringer.....	179	"
Elizabeth A. Kennedy.....	177	"
Mina Ella Sutherland.....	176	"
Marion Rogers.....	174	"
Jessie May MacKenzie.....	170	"
Jessie Ann Macdonald.....	169	"
Janet Baillie.....	167	"
Annie Laurie Elliott.....	166	"
Norman Cairns MacKay.....	165	"
Joseph Haley.....	164	"
William Alexander Grant.....	163	"
Christena M. MacKenzie.....	160	"
William A. Sutherland.....	151	"
Albert Hugh MacKinnon.....	163	Third Rank.
Florence Dewar.....	142	"

PORT HAWKESBURY—(13 Candidates)

Edna Mabel Barss.....	181	Second Rank
Eva Belle Hennessey.....	172	"
Martha Jane Hennessey.....	162	"
Jessie Anna Forbes.....	161	"
Katherine Jane Ross.....	160	"
Bertha Alice Grant.....	153	"
Ethel Belle McKillop.....	150	"
Edith Elizabeth Grant.....	149	Third Rank.
Muriel Helen Urquhart.....	144	"
Katie Sophia Matheson.....	141	"
William A. McQuarrie.....	136	"
Annie Belle McKichan.....	125	"
Failure.....	1	"

PORT HOOD.—(6 Candidates).

Elizabeth Bell.....	190	Second Rank
Mary M. McEachern.....	179	"
Mary Beatrice Smyth.....	172	"
Jennie Vivien Gray.....	168	"
Geo. Azel B. Cameron.....	158	"
Christina E. McDonnell.....	158	"

RIVER JOHN.—(7 Candidates).

Jessie Ann Gunn.....	220	First Rank.
Sarah F. C. Downing.....	214	"
Mamie Anna Gunn.....	207	"
Marion M. McIntosh.....	201	"
Minnie C. McLanders.....	187	Second Rank
Jennie H. MacBain.....	179	"
Ella Mary McKay.....	145	Third Rank.

SHEET HARBOR.—(8 Candidates).

Cassie Maria MacCarthy.....	199	Second Rank
Christena W. MacInnis.....	182	"
Minnie Florence Hartling.....	169	"
Gladys Pearl Jewers.....	167	"
Annie Mae Fahie.....	148	Third Rank.
May Agnes Fahie.....	137	"
Mary B. Murphy.....	122	"
Failure.....	1	"

SHELBURNE.—(7 Candidates).

Ed. Jas. Oxley Fraser.....	218	First Rank.
Margaret Emma Spanks.....	179	Second Rank
Alice Dedrick Brown.....	177	"
Hattie Helen Davis.....	172	"
Jessie Bertha Cameron.....	160	"
Mildred Lena Ryer.....	156	"
Gladys Rowena McGinnist.....	126	Third Rank.

SHERBROOKE.—(7 Candidates).

Janet C. McMillan.....	196	Second Rank
Gertrude Belle Kirk.....	193	"
Rosie Ellen Fraser.....	170	"
John S. Adam Gunn.....	163	"
Alexander D. Archibald.....	157	"
Alice Maud Hartling.....	147	Third Rank.
Hannah Florence Wilson.....	111	"

SPRINGHILL.—(8 Candidates).

Beatrice Watt . . . . .	215	First Rank.
Bertha Jane O'Brien . . . . .	208	"
Catherine I. MacDonald . . . . .	207	"
Jennie Elizabeth Ross . . . . .	205	"
Mabel Hall . . . . .	176	Second Rank
Bessie LaReta Bent . . . . .	168	"
Ellen Cora Brown . . . . .	156	"
Delia Jane Brown . . . . .	135	Third Rank.

STELLARTON.—(8 Candidates).

Sylvia Keith . . . . .	214	First Rank.
Wilhelmina I. Thompson . . . . .	202	"
Margaret Gray Miller . . . . .	198	Second Rank
Elizabeth Esther Fraser . . . . .	176	"
Margaret C. Fraser . . . . .	174	"
Daisy Riddle Thompson . . . . .	160	"
Elsie Calder . . . . .	159	"
Ethel Janet MacKay . . . . .	149	Third Rank.

ST. PETERS.—(17 Candidates).

Eben Ken. McAulay . . . . .	193	Second Rank
Katie Ann Cameron . . . . .	162	"
George John Patterson . . . . .	161	"
Archibald A. MacCuish . . . . .	156	"
Ella Hattie Morrison . . . . .	154	"
Angelia Elizabeth Kyte . . . . .	151	"
Charlotte S. Currie . . . . .	151	"
Ernest Angus McPhee . . . . .	149	Third Rank.
Jessie Macdonald . . . . .	149	"
John Boyd Kyte . . . . .	141	"
Kenneth R. J. Ferguson . . . . .	137	"
Hervey Matheson Boyd . . . . .	135	"
Archie MacC. MacBeth . . . . .	132	"
Granville Morrison . . . . .	126	"
Rebecca Burns McLean . . . . .	122	"
Florence Sampson . . . . .	115	"
Failure . . . . .	1	

SYDNEY.—(20 Candidates).

Tina Oulton McLean . . . . .	250	First Rank.
Mary Eureka Fulton . . . . .	238	"
Lottie Marion Morrison . . . . .	213	"
Georgia Marion MacKay . . . . .	202	"
Matilda F. Townsend . . . . .	200	"
Bernard L. Walshe . . . . .	195	Second Rank
Jennie Grantmyre . . . . .	183	"
Hazel MacDonald . . . . .	183	"
Christine MacKinnon . . . . .	177	"
Ethel E. Battersby . . . . .	168	"
Philip MacKay . . . . .	168	"
Flora C. Matheson . . . . .	163	"
Mary Lizzie MacKinnon . . . . .	161	"
Bessie C. MacDonald . . . . .	157	"
Maude Vivian Ross . . . . .	153	"
Sarah Mary MacFayden . . . . .	132	Third Rank.
Rose Agnes Gillis . . . . .	125	"
Michael John Cameron . . . . .	105	"
Failures . . . . .	2	

TATAMAGOUCHE.—(16 Candidates).

Viola Belle McLean . . . . .	229	First Rank.
Sarah Harlene Thompson . . . . .	213	"
Jean McIntosh Craig . . . . .	207	"
Elizabeth I. Clark . . . . .	198	Second Rank
Margaret Bell McNeil . . . . .	196	"
Jennie W. Sutherland . . . . .	187	"
Mary Maud Currie . . . . .	186	"
Katherine B. McEachren . . . . .	177	"
Martha Terry Harris . . . . .	175	"
Bessie C. Ferguson . . . . .	175	"
Ethel A. Murdoch . . . . .	164	"
Agnes Marion Miller . . . . .	163	"
Jennie May Langille . . . . .	156	"
Lily Ethel Forbes . . . . .	155	"
Janie Carruthers Byers . . . . .	130	Third Rank.
Hattie E. Weatherbee . . . . .	104	"

TRURO.—(27 Candidates).

Otis Stanleigh Cox . . . . .	234	First Rank.
Lena Howe Withrow . . . . .	232	"
Jessie L. Macdougall . . . . .	229	"
Muriel Elsie Trivett . . . . .	229	"
Mary Emily S. Smith . . . . .	225	"
Alice Maud O'Brien . . . . .	224	"
Bessie Joyce Clarke . . . . .	222	"
Anna May Putnam . . . . .	215	"
Robert David McCleave . . . . .	214	"
Margaret E. McLellan . . . . .	212	"
Wyman Alex. Cameron . . . . .	212	"
Christina Sophia Coulter . . . . .	211	"
Marion Agnes McIntosh . . . . .	210	"
Alice May Archibald . . . . .	199	Second Rank
Deane A. Creelman . . . . .	194	"
Alice Arbuthnot Bruce . . . . .	190	"
Laura May Dickie . . . . .	187	"
Emma Jane Hawkins . . . . .	183	"
Henrietta Moore . . . . .	177	"
Mary Pearl Meadows . . . . .	174	"
Ethel May Bryson . . . . .	171	"
Minnie C. Canning . . . . .	165	"
Kate Lorraine Logan . . . . .	162	"
Ethel Tully . . . . .	155	"
Maudie E. Brennan . . . . .	144	Third Rank.
Elsie McLeod . . . . .	138	"
Margaret A. Goodwin . . . . .	134	"

UPPER STEWACKE.—(3 Candidates).

Sara Lena Johnson . . . . .	188	Second Rank
John Ray Johnson . . . . .	183	"
Francis M. Johnson . . . . .	171	"

WESTPORT.—(5 Candidates).

Myrtle Lent Welch . . . . .	216	First Rank.
Nina Maude Shortliffe . . . . .	207	"
Ina Lindsay Gower . . . . .	198	Second Rank
Mira Utley Denton . . . . .	177	"
Lawrence Lee Titus . . . . .	159	"

## WESTVILLE.—(6 Candidates).

Margaret S. McIntosh	199	Second Rank
Jessie Catherine Smith	177	"
Susan W. Langille	143	Third Rank
Isabella Edna MacLeod	133	"
Janie Sharp	129	"
Jane Ella Graham	124	"

## WINDSOR.—(15 Candidates).

Effie Eugenia Mahan	228	First Rank.
Myrna May MacDougall	219	"
Mary Louise Mosher	212	"
Amy Rosina Bissett	207	"
Fanny Hawes Stevens	206	"
Ethel May Lunn	200	"
Alice Mildred Spearing	191	Second Rank
Mary C. Houghton	189	"
Rachael Nalder Nunn	182	"
Curtis Clayton Wallace	169	"
Jean Pauline Dimock	167	"
Eva May Smith	166	"
Patrick Landers	162	"
Cora A. Vaughan	157	"
Thomas Adam Card	141	Third Rank.

## WOLFVILLE.—(14 Candidates).

Winnie L. Fairweather	236	First Rank.
Amy Viola M. Roscoe	220	"

Amy Winifred Eaton	213	"
Helena B. Marsters	211	"
Kathleen M. Mitchell	210	"
Ross Freeman Coldwell	208	"
Harold C. Robinson	202	"
Mabel Eaton Wickwire	198	Second Rank.
Jennie Goldie Hubbard	192	"
Edna Payson Collins	189	"
Luella May MacRae	183	"
Dora Fannie Lewis	175	"
Robie Francis Parker	170	"
Marjorie D. North	157	"

## YARMOUTH.—(17 Candidates).

Charlotte E. Ricker	196	Second Rank.
Mary Scott Allen	190	"
Margaret Scott	185	"
Mary S. Belliveau		
Maude E. Winter	178	"
Marion Gladys Crosby		
Bessie Reta Hurlbert	177	"
Lena Estella Reeves	175	"
Eddie M. A. Bleakney	171	"
Addie May Churchill	168	"
Mary Edna Moores	163	"
Freda Belle Morton	152	"
Lillian Morton		
Mina Lawson Crosby	146	Third Rank.
Nita Mae VanAmburg	145	"
Lizzie Vine Hatfield	141	"
Edith Sarah Amirault	135	"

Provincial Normal School of Nova Scotia.

List of Students, 1906-7, with Diploma Awards.

AWARDED ACADEMIC DIPLOMA, THOSE MARKED WITH ASTERISKS AFTER ONE YEAR OF SUCCESSFUL TEACHING.

Rahno Mabel McCurdy, B. A. ....	Onslow Station. ....	Colchester.
Katherine Elizabeth MacKay. ....	Balmoral Mills. ....	Colchester.
Mabel Gladys Patterson. ....	Three Fathom Harbor. ....	Halifax.
*Jane Evangeline Cleland. ....	Yarmouth. ....	Yarmouth.
*Florence Beatrice Hall. ....	Yarmouth. ....	Yarmouth.
*Florence Marie Keating. ....	Halifax. ....	Halifax.
*Mary Emily Spinney. ....	Yarmouth. ....	Yarmouth.
*Peter Innes Swanson, B. A. ....	Kentville. ....	King's.

AWARDED FIRST RANK.

Agnes Anderson Dodds. ....	Maitland. ....	Hants.
Amy Mosher. ....	Truro. ....	Colchester.
Sarah Mateer Archibald. ....	Halifax. ....	Halifax.
Bertha Blanche Barnes. ....	Nappan Station. ....	Cumberland.
Mildred Brown. ....	Halifax. ....	Halifax.
Hattie Morse Chute. ....	Waterville. ....	King's.
Frances Gammell Creighton. ....	Dartmouth. ....	Halifax.
Jessie Marion Dow. ....	Kentville. ....	King's.
Sarah Mabel Doyle. ....	Five Islands. ....	Colchester.
Reca Kinsman Foote. ....	Grafton. ....	King's.
Elida Worth Foote. ....	Grafton. ....	King's.
Lulu Jane Guild. ....	Middle Musquodoboit. ....	Halifax.
Phœbe Agnes Gesner. ....	Belle Isle. ....	Annapolis.
Annie Edna Gilmour. ....	Springhill. ....	Cumberland.
Gladys Steven Greig. ....	Halifax. ....	Halifax.
Sadie Marion MacRury. ....	Port Morien. ....	Cape Breton.
Lena Mildred Lockhart. ....	Hantsport. ....	Hants.
Bessie Brenda Lockhart. ....	Hantsport. ....	Hants.
Nellie MacGregor MacMillan. ....	Annapolis Royal. ....	Annapolis.
Barbara Eugenie Mason. ....	Halifax. ....	Halifax.
Eva Jane Morrison. ....	Folly Village. ....	Colchester.
Lizzie Belle Munroe. ....	Millville. ....	King's.
Bertha Fudora Pentz. ....	Hantsport. ....	Hants.
Jean Ruggles Walker. ....	Clementsport. ....	Annapolis.
Margaret Scott Logan. ....	Milford. ....	Hants.
Annie Katherine Dickie. ....	Central Onslow. ....	Colchester.
Effie Rachel Martell Dickson. ....	Central Onslow. ....	Colchester.
Jennie Atwood Doane. ....	Dayton. ....	Yarmouth.
Annie Margaret Hainey. ....	Weymouth. ....	Digby.
Mary Isabel Macrae. ....	Baddeck. ....	Victoria.
Marie Lelia Elizabeth Malzard. ....	Arichat. ....	Richmond.
Harriet Estella Nichols. ....	Truro. ....	Colchester.
Maud Lillian Taylor. ....	Canso. ....	Guysboro.

Pearl MacKay Black	Villagedale	Shelburne.
Jessie Adelaide Peck	Hopewell Cape	Albert Co N. B
Ada Helen Smith	Parrsboro	Cumberland.
Grace Millicent Smith	Truro	Colchester.
Lida Charlotte Boomer	West Amherst	Cumberland.
Teresa B. Carson	Elmsdale	Hants.
Courtney Clara Chapman	Amherst	Cumberland.
Flora Killam	Dayton	Yarmouth.
Mary Clements	Port Medway	Queen's.
Elsie Anna Crowe	Truro	Colchester.
Annie Dunbar Fraser	West River	Pictou.
Lila Dorothy Publicover	Halifax	Halifax.
Lena Corbett	Great Village	Colchester.
Bertha Cassidy	Kingston	King's.
Etta Beatrice Andrews	Middleton	Annapolis.
Annie Alice Fuller	Yarmouth	Yarmouth.
Gracie Lulu Gray	South Maitland	Hants.
Marion Sophy Hadley	Hazel Hill	Guysboro.
Cora Mabel Harris	Bear River	Digby.
Annie Linda Hill	Great Village	Colchester.
Susie Maud Margeson	Middleton	Annapolis.
Bertha Charlotte Miner	Billtown	King's.
Eva Blanche Moore	Bear River	Digby.
Margaret Florence Reid	Plainfield	Pictou.
Winifred Erasta Robinson	Aylesford	King's.
Effie Mabel Seaboyer	Port Williams	King's.
Georgie Stevens	Bible Hill	Colchester
Martha Stewart	Scottsburn	Pictou.
Bertha May Woodworth	Bear River	Digby.
Eva Cook	Gay's River	Colchester.
Frances Thompson	Halifax	Halifax.
Roy David Crawford	Wallace Station	Cumberland.
Alexander Bane Morrison	Marion Bridge	Cape Breton.
Antoine Langille	Mahone Bay	Lunenburg.

TO BE AWARDED FIRST RANK AFTER ONE YEAR'S SUCCESSFUL TEACH-  
ING, IN THE MEANTIME AWARDED SECOND RANK.

Jean Whitman	Southampton	Cumberland.
Delila Pearl Curry	Glace Bay	Cape Breton.
Edna Irene Forsyth	Dartmouth	Halifax.
Ada Maud Fulmore	Walton	Hants.
Rebekah Gotobed Grant	Halifax	Halifax.
Ethel Maud Illsley	Woodside	King's.
Hattie Kilpatrick	Sydney Mines	Cape Breton.
Katherine McCara	Elmfield	Pictou.
Jane Priscilla Maxwell	Hedgeville	Pictou.
Agnes Knight Sanders	Halifax	Halifax.
Edith Inez Tupper	Sheet Harbor	Halifax.
Louella Thompson	Elmsdale	Hants.
Georgia Hall	Springhill	Cumberland.
Bessie Helena Platt	Yarmouth	Yarmouth.
Margaret Faye Rutherford	Upper Stewiacke	Colchester.
Eva Alma Smith	Amherst	Cumberland.
Matilda Sutherland	Bible Hill	Colchester.
Catherine Sutherland	Bible Hill	Colchester.
Mary Adelaide Wyld	Port Medway	Queen's.
George Isaac Thompson	Antigonish	Antigonish.

AWARDED SECOND RANK DIPLOMA.

Jane Elizabeth Card	Kempt Shore	Hants.
Margaret Beaton	St. Peter's	Richmond.
Caroline Bogart	Karsdale	Annapolis.

Marie Emma Bourneuf	Grosses Coques	Digby.
Cynthia Alice Chisholm	Great Village	Colchester.
Josephine Maria Condon	Livingston's Cove	Antigonish.
Olive Blanche Dickie	Eastville	Colchester.
Imogene Dimock	Urbania	Hants.
Jessie Dimock	Urbania	Hants.
Marie Adele Doucet	Church Point	Digby.
Marie Elizabeth Doucet	Belliveau's Cove	Digby.
Mary Agnes Dugas	Grosses Coques	Digby.
Ethel Foley	Head Jeddore	Halifax.
Ida May Graham	Truro	Colchester.
Marion Katherine Greenlaw	Port Medway	Queen's.
Mary Catherine Hainey	Weymouth	Digby.
Mary Evelyn Hirtle	Dayspring	Lunenburg.
Edna Eliza Huntley	Truro	Colchester.
Jessie May Macdonald	Truro	Colchester.
Ethel Jean MacIvor	Pugwash	Cumberland.
Beatrice MacLeod	Dartmouth	Halifax.
Ardessia May Mills	South Valley	Cumberland.
Tillie Agnes Myers	Head Jeddore	Halifax.
Mamie Beatrice Nuttall	New Salem	Cumberland.
Ella Gertrude Peters	Digby	Digby.
Mary Gertrude Power	Arichat	Richmond.
Lenora Bessie Rose	Dartmouth	Halifax.
Florence Louise Silver	Dayspring	Lunenburg.
Leo J. LeBlanc	Margaree Forks	Inverness.
Morley Puncheon Nichols	Nicholsville	King's.
William McKenzie Thompson	St. Paul's	Pictou.

TO BE AWARDED SECOND RANK AFTER ONE YEAR'S SUCCESSFUL TEACHING; IN THE MEANTIME AWARDED THIRD RANK.

Marie Antoinette Belliveau	Church Point	Digby.
Annie Deagle	East Margaree	Inverness.
Henrietta Elizabeth Jackson	St. Peter's	Richmond.
Florence Cassie MacLellan	Belle Cote	Inverness.
Mary Grant Pearson	Truro	Colchester.

AWARDED THIRD RANK.

Mary Cassie Chisholm	Guysboro Interyale	Guysboro.
Mary Ann Comeau	Meteghan River	Digby.
Amanda Nettie Harpell	L. West Jeddore	Halifax.
Matilda Annie LaPierre	Grand Desert	Halifax.
Nellie Mary Melanson	Corberrie	Digby.
Mary Margaret Prest	Mooseland	Halifax.
Mary Beatrice Dugas	Grosses Coques	Digby.

AWARDED LICENSE IN MECHANIC SCIENCE.

Arthur Rogers Patton	Annapolis Royal	Annapolis.
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ADVANCEMENT OF GRADUATES OF FORMER YEARS.

FROM FIRST RANK TO ACADEMIC.

John Simpson Astbury	Pictou	Pictou.
William Clarke Stapleton	New Glasgow	Pictou.
Mary Alice Farrell	Kentville	King's.
Andre G. Pothier	Meteghan River	Digby.
David D. Boyd	River Bourgeois	Cape Breton.
Ralph Percy Richardson	Milton	Queen's
F. G. Morehouse	Springhill	Cumberland.

## FROM SECOND RANK TO FIRST RANK.

Harriet Zella Crowe . . . . .	Lower Truro . . . . .	Colchester.
Jean Braden Archibald . . . . .	Middle Musquodoboit . . . . .	Halifax.
Lennie Lynds . . . . .	Truro . . . . .	Colchester.
Maud Odell Boss . . . . .	Glace Bay . . . . .	Cape Breton.
Edna May Fulton . . . . .	Lower Economy . . . . .	Colchester.
Maggie Gertrude Barnhill . . . . .	Fort Ellis . . . . .	Colchester.
Ada Blanche Jenner . . . . .	Halifax . . . . .	Halifax.
Hattie Burbidge Starratt . . . . .	Greenwood . . . . .	King's.
Fannie LaVaughan Chute . . . . .	Berwick . . . . .	King's.
Margaret Elizabeth O'Brien . . . . .	Noel Shore . . . . .	Hants.
Millie Viola Parker . . . . .	Morristown . . . . .	King's.
Jennie MacBean . . . . .	Westville . . . . .	Pictou.
David Harold Marchant . . . . .	Lakeville . . . . .	King's.
Muriel Louise Bruhm . . . . .	Mahone Bay . . . . .	Lunenburg.

## FROM THIRD RANK TO SECOND.

Bessie Fraser Graham . . . . .	Bridgeport . . . . .	Cape Breton.
Jennie Moore . . . . .	Shubenacadie . . . . .	Hants.
Eugenie Louise Babin . . . . .	Eel Brook . . . . .	Yarmouth.
Margaret Ann Murphy . . . . .	St. Peter's . . . . .	Cape Breton.
Dora Robertson Mussells . . . . .	Clementsport . . . . .	Annapolis.
Mary Beatrice Arseneau . . . . .	Belle Cote . . . . .	Inverness.



## TEACHERS' LICENSES, 1906-1907.

The following persons have received licenses of the Classes respectively specified in accordance with the Law and Regulations of the Council of Public Instruction. This list includes all licenses issued since the publication of the JOURNAL for October, 1906.

A.

1907.

1—Mary Alice Farrell	Parrsboro	Cumberland.
2—André Guillaume Pothier	Meteghan River	Digby.
3—Rahno Mabel MacCurdy	Onslow	Colchester.
4—Minnie Camilla Hewitt	Lunenburg	Lunenburg.
5—David D. Boyd	River Bourgeois	Richmond.
6—Katherine Elizabeth MacKay	Balmoral Mills	Colchester.
7—James Harold Bingay	Yarmouth	Yarmouth.
8—Fred Garland Morehouse	Springhill	Cumberland.
9—Ralph Percy Richardson	Milton	Queens.
10—Lizzie Smith	Liverpool	"
11—Eva Mary Murray	Halifax	Halifax.
12—Anna Elizabeth McLeod	Antigonish	Antigonish.
13—Malcolm Kenmore Harding	Osborne	Shelburne.
14—Peter Innes Swanson	Kentville	Kings.

B.

1906.

93—Lucie Helen Eaton	Maitland	Hants.
94—Bessie MacKenzie MacLeod	New Haven	Victoria.
95—Jean Braden Archibald	Middle Musquodoboit	Halifax.
96—Sister Marie Annette (Catherine Harland)	Glace Bay	Cape Breton.
97—Sr. Marie Cleophas (Edith Dooley)	Glace Bay	Cape Breton.
98—Maud Odell Boss	Glace Bay	"

1907.

1—Rachel Mildred Murray	Hillsboro	Inverness.
2—Sr. M. Agneta (Henrietta Fanning)	North Sydney	Cape Breton.
3—Lennie Lynds	Preston Road	Halifax.
4—Peter Innes Swanson	Kentville	Kings.
5—Jennie Anna Lawrence	Southampton	Cumberland.
6—Robert Ebenezzer Inglis	Lochaber	Antigonish.
7—Charles John McInnes	North Ainslie	Inverness.
8—Lillian Maude Sutherland	Granville Ferry	Annapolis.
9—Reca Kinsman Foote	Grafton	Kings.
10—Elida Worth Foote	Grafton	"
11—Eva Cook	Gay's River	Colchester.
12—Florence Marie Keating	Halifax	Halifax.
13—Jessie Marion Dow	Kentville	Kings.
14—Sarah Mateer Archibald	Halifax	Halifax.
15—Eva Blanche Moore	Bear River	Digby.
16—Millie Viola Parker	Morristown	Kings.
17—Ada Blanche Jenner	Halifax	Halifax.
18—Frances Marie Thompson	Halifax	"
19—Hattie Burbidge Starratt	Aylesford	Kings.

20—David Harold M. Marchant	Lakeville	Kings.
21—Susie Maude Margeson	Middleton	Annapolis.
22—Agnes Anderson Dodds	Maitland	Hants.
23—Mary Emily Spinney	Yarmouth	Yarmouth.
24—Margaret Scott Logan	Milford	Hants.
25—Sarah Mabel Doyle	Five Islands	Colchester.
26—Lena Corbett	Great Village	Colchester.
27—Alexander Bane Morrison	Marion Bridge	Cape Breton.
28—Margaret Elizabeth O'Brien	Noel Shore	Hants.
29—Mildred Brown	Halifax	Halifax.
30—Winifred Erasta Robinson	Aylesford	Kings.
31—Harriet Estella Nichols	Truro	Colchester.
32—Mary Clements	Port Medway	Queens.
33—Muriel Louise Bruhm	Mahone Bay	Lunenburg.
34—Eflie Mabel Olive Seaboyer	Port Williams	Kings.
35—Pearle MacKay Black	Villagedale	Shelburne.
36—Flora Killam	Dayton	Yarmouth.
37—Gracie Lulu Gray	South Maitland	Hants.
38—Maud Lillian Taylor	Canso	Guysboro.
39—Etta Beatrice Andrews	Middleton	Annapolis.
40—Marie Lelia Elizabeth Malzard	Arichat	Richmond.
41—Cora Mabel Harris	Bear River	Digby
42—Annie Margaret Hainey	Weymouth	Digby.
43—Jennie Atwood Doane	Dayton	Yarmouth.
44—Antoine Langille	Mahone Bay	Lunenburg.
45—Annie Edna Gilmour	Springhill	Cumberland.
46—Bertha Blanche Barnes	Nappan Station	Cumberland.
47—Roy David Crawford	Wallace Station	"
48—Martha Stewart	Scotsburn	Pictou.
49—Jennie MacBean	Westville	"
50—Anselm Charles Boudreau	Eastern Harbor	Inverness.
51—Bertha Mildred Cassidy	Kingston	Kings.
52—Gladys Steven Greig	Halifax	Halifax.
53—Barbara Eugenie Mason	Halifax	"
54—Ida Tompkins	East Margaree	Inverness.
55—Edward James Oxley Fraser	Shelburne	Shelburne.
56—Teresa B. Carson	Elmsdale	Hants.
57—Wyman Alexander Cameron	Advocate	Cumberland.
58—Phoebe Agnes Gesner	Belle Isle	Annapolis.
59—Annie Linda Hill	Great Village	Colchester.
60—Eugene Troop Parker	Belle Isle	Annapolis.
61—Florence Beatrice Hall	Yarmouth	Yarmouth.
62—Jane Evangeline Cleland	Yarmouth	"
63—Margaret Florence Reid	Minto	Pictou.
64—Mary Estella Kerr	Eureka	Pictou.
65—Bessie Brenda Lockhart	Hantsport	Hants.
66—Lena Mildred Lockhart	Hantsport	"
67—Annie Dunbar Fraser	West River	Pictou.
68—Frank Thomas MacLeod	Burnside	Pictou.
69—Grace Millicent Smith	Truro	Colchester.
70—Eva Jane Morrison	Folly Village	Colchester.
71—Lida Charlotte Boomer	West Amherst	Cumberland.
72—Bertha Rudora Pentz	Hantsport	Hants.
73—Amy Mosher	Truro	Colchester.
74—Bertha Charlotte Miner	Billtown	Kings.
75—Effie Rachael Martell Dickson	Centre Onslow	Colchester.
76—Edna May Fulton	Lower Economy	Colchester.
77—Mary Eureka Fulton	Ashby, Sydney	Cape Breton.
78—Nellie MacGregor MacMillan	Annapolis	Annapolis.
79—Margaret Kelly	Halifax	Halifax.
80—Anna Mary Rudolf	Lunenburg	Lunenburg.
81—Sr. St. Dymphna (Mary Laffin)	Antigonish	Antigonish.
82—Maggie Gertrude Barnhill	Fort Ellis	Colchester.
83—Edith Irene Fulton	Ashby, Sydney	Cape Breton

84—Jean Ruggles Walker	Clementsport	Annapolis.
85—Courtney Clara Chapman	Amherst	Cumberland.
86—Sadie Marion MacRury	Port Morien	Cape Breton.
87—Octave Joseph D'Eon	West Pubnico	Yarmouth.
88—Bertha May Woodworth	Bear River	Digby.
89—Fenwick Leopold Shaw	Lower Stewiacke	Colchester.
90—Elsie Anna Crowe	Truro	Colchester.
91—Lulu Jane Guild	Middle Musquodoboit	Halifax.
92—Janie Agnes Chisholm	James River Station	Antigonish.
93—John Y. McKinnon	Inverness	Inverness.
94—Sr. St. Clarissa (R. Land)ry	Whitney Pier	Gape Breton.

C.

1906.

257—Lillian Lee MacPhee	West Gore	Hants.
258—Lora Hunt Doane	Dayton	Yarmouth
259—Edith Cecelia Richard	Getson's Pt.	Lunenburg.
260—Helen Augusta MacKenzie	River John	Pictou.
261—Margaret Lilian Boutilier	Halifax	Halifax.
262—Ina Blanche Lightbody	Belmont	Colchester.
263—Isabella Agnes Burden	Springhill	Cumberland.
264—Helen Louise Atkinson	East Amherst	Cumberland.
265—Lottie Lavinia Sproule	East Leicester	Cumberland.
266—Emma Agnes Higgins	Clam Harbor	Halifax.
267—Evelyn Morse	Woodville	Hants.
268—Florence Louise Ruggles	Bear River	Antigonish.
269—John Alexander Calder	West Bay	Inverness.
270—Lillie Alberta B. Umlah	Halifax	Halifax.
271—Maggie Jane Meikle	McPherson's Mills	Pictou.
272—Ada Alberta Simm	Upper Newport	Hants.

1907.

1—Ethel Grace Boomer	Windham Hill	Cumberland.
2—Ida Henrietta Greig	Sydney Mines	Cape Breton.
3—Kenneth Gordon Craig	Amherst	Cumberland.
4—Hannah Vivien Lantz	Lantz's	Lunenburg.
5—Mae Therba Ritcey	Nictaux Falls	Annapolis.
6—Alice Brunhilda Crowell	Port La Tour	Shelburne.
7—Elsie Naomi Hall	Margaretville	Annapolis.
8—Jessie Maude Kempton	Liverpool	Queens.
9—Edith Bessie Langille	New Germany	Lunenburg.
10—Lena May Sibley	Halifax	Halifax.
11—Ronald Macdonald	Antigonish	Antigonish
12—Percival Whitman Farnsworth	Annapolis	Annapolis.
13—Ivan Murray Rose	Hebron	Yarmouth.
14—Annie M. Nelson	Clifton	Colchester.
15—Eva Murray	Mabou	Inverness.
16—Alexander William Jones	Tidnish	N. B.
17—Annie Spurr	Gold River	Lunenburg.
18—Georgina Blanche Morash	Great Village	Colchester.
19—Mary Josephine MacIsaac	Whitney Pier	Cape Breton.
20—Florence Courtney Balcombe	Port Dufferin	Halifax.
21—Bessie Fraser Graham	Bridgeport	Cape Breton.
22—Barry Hovey Burgess	Wolfville	Kings.
23—Zella Bertha Wilson	Montrose	Colchester.
24—John Congdon Crowe	Truro	Colchester.
25—Austin Alvin Zinck	Martin's Point	Lunenburg.
26—Wilhelmina Clark	Sydney Mines	Cape Breton
27—Beatrice O'Brien Fulton	Bass River	Colchester.
28—Mary Jane McCurdy	Clifton	Colchester.
29—Maude Achsa Stevens	Freeport	Digby.

30—Maude Lauretta Brison	West Gore	Hants.
31—Minerva Blanche Anderson	Forks, Baddeck	Victoria.
32—Lewis Henry Coldwell	Newtonville	Kings.
33—Annie Ethel Schurman	Bass River	Colchester.
34—Roy Irving Balcom	Clementsvale	Annapolis.
35—Arthur Rogers Patton	Annapolis	Annapolis.
36—Catherine Leydon	Tracadie	Antigonish.
37—Mary Belle Henderson	Creignish	Cape Breton.
38—Georgie Alberta Lent	Victoria Vale	Annapolis.
39—Ella Gertrude Peters	Digby	Digby.
40—Jean Augusta MacLean	North Sydney	Cape Breton.
41—Elizabeth Bannerman MacLellan	Stellarton	Pictou.
42—Simon Augustine Amirault	Mid. East Pubnico	Yarmouth.
43—Georgie Stevens	Bible Hill	Colchester.
44—Viola Sabina Hawkins	East Lawrencetown	Halifax.
45—Ida May Graham	Truro	Colchester.
46—Beatrice MacLeod	Dartmouth	Halifax.
47—Lenora Bessie Rose	Dartmouth	Halifax.
48—Agnes Knight Sanders	Halifax	Halifax.
49—Imogene Dimock	Urbana	Hants.
50—Jennie Moore	Shubenacadie	Hants.
51—Eugenie Louise Babin	Eel Brook	Yarmouth.
52—Eva Lorenna Finley	Victoria Harbor	Kings.
53—Jessie Blackwood Logan	Shubenacadie	Hants.
54—Ada Maude Fulmore	Walton	Hants.
55—Hettie Morse Chute	Waterville	Kings.
56—Cynthia Alice Chisholm	Great Village	Colchester.
57—Olive Blanche Dickie	Eastville	"
58—Edna Irene Forsyth	Dartmouth	Halifax.
59—Jean Whitman	Granville Ferry	Annapolis.
60—Margaret Beaton	St. Peter's	Richmond.
61—Caroline Bogart	Karsdale	Annapolis.
62—Mary Agnes Dugas	Grosses Coques	Digby.
63—Leo John LeBlanc	Margaree Forks	Inverness.
64—Marie Emma Bourneuf	Grosses Coques	Digby.
65—Edna Eliza Huntley	Truro	Colchester.
66—Ethel Foley	Head Jeddore	Halifax.
67—Delila Pearl Curry	Glace Bay	Cape Breton.
68—Mary Adele Doucet	Church Point	Digby.
69—Margaret Ann Murphy	St. Peter's	Richmond.
70—Ethel Jean McIvor	Pugwash	Cumberland.
71—Ardessia May Mills	South Valley	Cumberland.
72—Mary Katherine Hainey	Weymouth	Digby.
73—Mamie Beatrice Nuttall	New Salem	Cumberland.
74—William MacKenzie Thompson	St. Paul's	Pictou.
75—Ada Helen Smith	Parrsboro	Cumberland.
76—Lulu Belle Morrison	Folly Village	Colchester.
77—Annie Linda Johnson	Londonderry	Colchester.
78—Marie Elizabeth Doucet	Belliveau's Cove	Digby.
79—Frances May Lydiard	Kentville	Kings.
80—Miriam Jessie Cox	Canard St.	Kings.
81—Eva Kathleen McFadden	Canard	"
82—Mary Gertrude Lamont	Billtown	"
83—Minnie Cordrey Chase	Lakeville	"
84—Gertrude Lucy McDonald	Upper Dyke Village	"
85—Mary Linwood Pugsley	Nappan Station	Cumberland.
86—Marion Catherine Greenlaw	Port Medway	Queens.
87—Frances McGill	Halifax	Halifax.
88—Althea Florence Sutherland	Halifax	"
89—Kathleen Annie Vaughan	Halifax	"
90—Mary Roche	Bedford	"
91—Katherine Roche	Bedford	"
92—Ella Agnes Morton	Halifax	"
93—Bernice Helen Vining Blakeney	Halifax	"

94—Blanche Archibald	Upper Musquodoboit	Halifax.
95—Eva Teresa Farnell	Elmsvale	"
96—George Isaac Thompson	Antigonish	Antigonish.
97—Hattie Kilpatrick	Sydney Mines	Cape Breton.
98—Catherine Jane Jordain	New Town	Guysboro.
99—Florence Beatrice Morse	Middleton	Annapolis.
100—Lizzie Jane Ross	Oxford	Cumberland.
101—Mary Elizabeth Beaton	Halfway River Station	Cumberland.
102—Florence Ethel Gibson	Parrsboro	Cumberland.
103—Minnie B. Berringer	Lunenburg	Lunenburg.
104—Janet Catherine MacMillan	Sherbrooke	Guysboro.
105—Marie Olive Reid	Minto	Pictou.
106—Bessie LaReta Bent	Springhill	Cumberland.
107—Mabel Hall	Springhill	Cumberland.
108—Beatrice Watt	Springhill	"
109—Annie Isabel MacIntosh	Bridgeville	Pictou.
110—Leah Agnes Borden	Lower Canard	Kings.
111—Ada Laura Shaffelburg	Dartmouth	Halifax.
112—Mary Flora McDonell	Halifax	"
113—Grace Linnifred Parker	Medford	Kings.
114—Susan Odessa Faulkner	Stirling Brook	Hants.
115—Margaret Electa MacLellan	Noel Shore	"
116—Rachel Nalder Lunn	Falmouth	"
117—Amy Rosina Bissett	Windsor	"
118—Ethel May Lunn	Falmouth	"
119—Abbie Beazley	Hantsport	"
120—Josie Almira Hiltz	Middleton	Annapolis.
121—Gladys Pearl Chivers	Milton	Queens.
122—Ethel May McLeod	Milton	"
123—Harvey Lorne Eisenhaur	Lunenburg	Lunenburg.
124—Morley Puncheon Nichols	Nicholsville	Kings.
125—Ross Freeman Coldwell	Gaspereaux	"
126—Luella May MacRae	Wolfville	"
127—Helena Beatrice Marsters	Wolfville	"
128—Viola Amy Maude Roscoe	Wolfville	"
129—Harold Cunningham Robinson	Wolfville	"
130—Edna Matilda Wade	Granville Ferry	Annapolis.
131—Christina Cameron	Heatherton	Antigonish.
132—Ethel May Shipley	Fenwick	Cumberland.
133—Marion Jane Taylor	Cross Rds. Country Harbor	Guysboro.
134—Mary Almira Beranger	River Bourgeois	Richmond.
135—Willard Parker Read	Bear River	Annapolis.
136—Alice Maude Troop	Granville Centre	"
137—Lilah Olivia Hutchinson	Bridgetown	"
138—Edna Cruikshank	Little River	Halifax.
139—Mary Beatrice Arseneau	Belle Cote	Inverness.
140—Marion Rogers	Pictou	Pictou.
141—Sarah Florence Christena Downing	River John	"
142—Sr. Anges Maria (Helen Cecilia Russell)	Rockingham	Halifax.
143—Sr. Marion Concepta (Clara Catherine Campbell)	Rockingham	"
144—Dora Robertson Mussells	Clementsport	Annapolis.
145—Eva LeBelle Roop	Springfield	"
146—Nina Belle Hutchinson	Roxville	Digby.
147—Rachel Alice Lawrence	Maitland	Hants.
148—Elizabeth Jane Card	Kempt Shore	"
149—Jessie Ann Gunn	River John	Pictou.
150—Ida Janet Fraser	Kenzieville	"
151—Cora Sheldon Rae	Rogers Hill Centre	"
152—Katherine McCara	Elmfield	"
153—Margaret Stella McIntosh	Westville	"
154—Edith Adelaide Spinney	Greenwood	Kings.
155—Otis Stanleigh Cox	Upper Stewiacke	Colchester.

156—Florence Hedtler McKenzie	Maitland	Hants.
157—Jessie Ann McLeod	The Falls	Colchester.
158—Catherine Sutherland	Bible Hill	Colchester.
159—Matilda Sutherland	Bible Hill	"
160—Bessie Helena Platt	Yarmouth	Yarmouth.
161—Lizzie Belle Munroe	Millville	Kings.
162—Lulu Jane Guild	Middle Musquodoboit	Halifax.
163—Mary Eliza Mills	Lockeport	Shelburne.
164—Annie Alice Fuller	Yarmouth	Yarmouth.
165—Vivian Alice Annis	Nictaux Falls	Annapolis.
166—Hattie Eugenia Wilkins	Middleton	"
167—Charles Howard Torey	Guysboro	Guysboro.
168—Mary Merritt	Sydney Mines	Cape Breton.
169—Maud Baird	Oxford	Cumberland.
170—Margaret E. Macintosh	Lower South River	Antigonish.
171—Norman Cairns MacKay	Heath Bell	Pictou.
172—Margaret Faye Rutherford	Upper Stewiacke	Colchester.
173—Bessie Joyce Clarke	Brookfield	Colchester.
174—Elizabeth Isabel Clarke	Tatamagouche	Colchester.
175—Marion Sophie Hadley	Hazel Hill	Guysboro.
176—Margaret Bearsheba Stevenson	Brickton	Annapolis.
177—Eunice May Anderson	Port Lorne	Annapolis.
178—Gertrude McGirr	New Glasgow	Pictou.
179—Muriel Annie Dorey	Dartmouth	Halifax.
180—Tillie Agnes Myers	Head Jeddore	"
181—Edith Inez Tupper	Sheet Harbor	"
182—Mary Beatrice Smyth	Port Hood	Inverness.
183—Katherine Jane Ross	Marshes	"
184—Jessie Adelaide Peck	Hopewell Cape	Albert, N. B.
185—Jessie Ellen Henry	River John	Pictou.
186—Ida Florence Hartlen	Milton	Queens.
187—Jessie May Ernst	Mahone Bay	Lunenburg.
188—Kate Gladys Dexter	Brooklyn	Queens.
189—Mary Evelyn Hirtle	Dayspring	Lunenburg.
190—Tessie Maud Dauphinee	Mahone Bay	"
191—Ruth Holmes Hanley	Greenfield	Queens.
192—Olie Burgess Webber	Robinson's Corner	Lunenburg.
193—Mary Margaret McEachen	Port Hood	Inverness.
194—Agnes Marion Miller	Tatamagouche Mt.	Colchester.
195—Mary Gertrude Power	Arichat	Richmond.
196—Muriel Elsie Trivett	French Village	Halifax.
197—William Joseph Perry	Halifax	"
198—Mary Elizabeth Brown	Canso	Guysboro.
199—Avis Ella Reynolds	Brass Hill	Shelburne.
200—Nettie Mae Nickerson	Lower Woods Harbor	Shelburne.
201—Jean Esmond Craig	Amherst	Cumberland.
202—Julia Agnes Blanch	Amherst	"
203—Bessie Harrison Roach	Maccan	"
204—Anna Vera Bird	Nappan Sta.	"
205—Charles Joseph Forrest	West Arichat	Richmond.
206—Sr. St. Henedine (Mary Ann McLeod)	Sydney Mines	Cape Breton.
207—Harriet Adelia Parsons	Hortonville	Kings.
208—Nellie Viola Chute	Brooklyn Corner	"
209—Alice Arbuthnot Bruce	Truro	Colchester.
210—James Arthur Dawson	Folly Village	"
211—Saidee Webster Graham	Great Village	"
212—Jennie Stewart MacIntosh	West River	Pictou.
213—William Alex. Grant	West River	"
214—Margaret May McKenzie	St. Patrick's Channel	Victoria.
215—Josephine Maria Condon	Livingstone's Cove	Antigonish.
216—Margareta Williams	Great Village	Colchester.
217—Bertha May Patriquin	Great Village	"
218—Mary Maud Currie	Waugh's River	"
219—Margaret Jean Faulkner	Noel	Hants.
220—Louella Thompson	Elmsdale	"

221—Kate Oressa Morse . . . . .	Berwick . . . . .	Kings.
222—Warren Fullerton Clarke . . . . .	Durham . . . . .	Pictou.
223—Flora MacGillivray . . . . .	Halifax . . . . .	Halifax.
224—Annie Katherine Dickie . . . . .	Central Onslow . . . . .	Colchester.
225—Leta May Bailly . . . . .	Lunenburg . . . . .	Lunenburg.
226—Marjorie Dennett North . . . . .	Canning . . . . .	Kings.
227—Ethel Maud Illsley . . . . .	Upper Blomidon . . . . .	"
228—Sadie Nell McMillan . . . . .	Sydney . . . . .	Cape Breton.
229—Laura Augusta Brown . . . . .	Hartford . . . . .	Cumberland.
230—Florence Lavenia Roach . . . . .	Brenton . . . . .	Yarmouth.
231—Selena Bernice Godfrey . . . . .	Brooklyn . . . . .	Queens.
232—Mabel Claire Taylor . . . . .	Cook's Cove . . . . .	Guysboro.
233—Eva Catherine Kavanagh . . . . .	Canso . . . . .	"
234—George Kendrick Haverstock . . . . .	Nictaux Falls . . . . .	Annapolis.
235—Hortense Violet Bessie Spurr . . . . .	Melvorn Square . . . . .	"
236—Janie MacKay . . . . .	Scotsburn Station . . . . .	Pictou.
237—Eben Kenneth McAulay . . . . .	Grand River . . . . .	Richmond.
238—Edith Morrison . . . . .	Port Hood Island . . . . .	Inverness.
239—Sr. Marie St. Firmine (Marie Anne LeBris) . . . . .	Arichat . . . . .	Richmond.
240—Christina Ellen McDonnell . . . . .	Port Hood . . . . .	Inverness.
241—John Daniel MacKay . . . . .	Grand River . . . . .	Richmond.
242—Bernardine Moynagh . . . . .	Sydney . . . . .	Cape Breton.
243—Florence Ida Dauphinee . . . . .	Lunenburg . . . . .	Lunenburg.
244—Grace Darling Freeman . . . . .	Caledonia . . . . .	Queens.
245—Mary Isabel Macrae . . . . .	Baddeck Forks . . . . .	Victoria.
246—Elsie Luvenia Fulton . . . . .	Bass River . . . . .	Colchester.
247—Lila Dorothy Publicover . . . . .	Halifax . . . . .	Halifax.
248—Myrna May MacDougall . . . . .	West Gore . . . . .	Hants.
249—Mary Cassie McKinnon . . . . .	Margaree Harbor . . . . .	Inverness.
250—Sadie Montgomery . . . . .	Neil's Harbor . . . . .	Victoria.
251—Eleanor Agnes Doherty . . . . .	Kentville . . . . .	Kings.
252—Sadie Montgomery . . . . .	Neil's Harbor . . . . .	Victoria.
253—Josephine Alice Cole . . . . .	Little River, Musquodoboit . . . . .	Halifax.

D.

1906.

280—Mary Cyretha Houghton . . . . .	Windsor . . . . .	Hants.
290—Anne B. O'Hearn . . . . .	Halifax . . . . .	Halifax.
291—John Roderick Morrison . . . . .	Sydney . . . . .	Cape Breton.
292—Annie Isadora Gesner . . . . .	Belle Isle . . . . .	Annapolis.
293—M. Beatrice Dugas . . . . .	Bear Cove . . . . .	Digby.
294—William Henry McNeily . . . . .	McNeily's . . . . .	Annapolis.
295—Mary Stewart . . . . .	Westville . . . . .	Pictou.
296—Isabelle Jean Brown . . . . .	Stillman . . . . .	"
297—Jennie Denny Crowe . . . . .	Highland Village . . . . .	Colchester.

1907.

1—Janet Roach Drysdale . . . . .	Tatamagouche . . . . .	Colchester.
2—Mary Sophia Fulton . . . . .	Lower Stewiacke . . . . .	"
3—Elsie Luvenia Fulton . . . . .	Bass River . . . . .	"
4—Jessie Wilson Hennigar . . . . .	Chester . . . . .	Lunenburg.
5—Muriel Joyce Barss . . . . .	Coddle's Harbor . . . . .	Guysboro.
6—Mary Ann Comeau . . . . .	Meteghan . . . . .	Digby.
7—Matilda Annie LaPierre . . . . .	Grand Desert . . . . .	Halifax.
8—Ethel May McLeod . . . . .	Milton . . . . .	Queens.
9—Nellie Mary Melanson . . . . .	Corberrie . . . . .	Digby.
10—Amanda Nettie Harpell . . . . .	Lower West Jeddore . . . . .	Halifax.
11—Frank Benbow Fox . . . . .	Cape North . . . . .	Victoria.
12—Mary Margaret Prest . . . . .	Mooseland . . . . .	Halifax.
13—Deane Amelia Creelman . . . . .	Truro . . . . .	Colchester.
14—Adela Bertha Fisher . . . . .	Goff's . . . . .	Halifax.

15—Sadie Christine Webster	Greenfield	Kings.
16—Flora Estella Wilson	Digby	Digby.
17—Minnie Belle MacLean	Margaretsville	Annapolis.
18—Susie Eva McLeod	Margaree	Inverness.
19—Minnie Ellen Jefferson	New Germany	Lunenburg.
20—Margaret Jane Barron	Newport	Hants.
21—Viva May Ring	Freeport	Digby.
22—Emma Pearl MacLean	Folly Village	Colchester.
23—Edwina Ratcliff Lordly	Chester	Lunenburg.
24—James Douglas Vair	Pictou	Pictou.
25—Helen McArthur Hardwicke	Annapolis Royal	Annapolis.
26—Viola Christina Hayden	Digby	Digby.
27—Rosie Collins Black	Villagedale	Shelburne.
28—Ida Florence Hartlen	Milton	Queens.
29—Pearle Collins	Waverly	Halifax.
30—Mary Catherine Hiltz	Dartmouth	"
31—Jessie Dimock	Urbania	Hants.
32—Marie Antoinette Belliveau	Church Pt.	Digby.
33—Verta Laura Freeman	Milton	Queens.
34—Florence Cassie McLellan	Belle Cote	Inverness
35—Jane Priscilla Maxwell	Hedgeville	Pictou.
36—Jessie May MacDonald	Truro	Colchester.
37—Marion Elizabeth Roberts	Central Economy	"
38—Florence Louise Silver	Dayspring	Lunenburg
39—Violet Mary Webster	Kentville	Kings.
40—Mary Jean Trerice	East Leicester	Cumberland
41—Eva Celeste Pye	Spry Bay	Halifax.
42—Amelia May Brokenshire	Halifax	"
43—Margaret E. Skerry	Wellington	"
44—Annie Rhoda Burgess	E. Side Port L'Herbert	Queens.
45—Eva Ella Rafuse	Lunenburg	Lunenburg.
46—Bessie Claribel Hebb	Lunenburg	"
47—Alice Gertrude Weldon	Parkdale	"
48—Jessie Middleton Sedgewick	Middle Musquodoboit	Halifax.
49—Grace Allison Brown	Little River	"
50—John Angus Cameron	Cameron Settlement	Guysboro.
51—May Eliza Chapman	Northport	Cumberland.
52—Nellie Augusta O'Regan	Lakelands	"
53—Evelyn Ruby Harrison	Southampton	"
54—Mildred Lena Ryer	Shelburne	Shelburne.
55—Jessie Bertha Cameron	Shelburne	"
56—Annie Isabella Drysdale	Halifax	Halifax.
57—John Alexander McDonald	Upper Dyke Village	Kings.
58—George Hector McKay	Salt Springs	Pictou.
59—Gertrude Catherine Fraser	Eureka	"
60—Annie Deagle	East Margaree	Inverness.
61—Catherine Isabel MacDonald	South Victoria	Cumberland
62—Jennie Elizabeth Ross	Springhill	"
63—Bertha Jane O'Brien	Springhill	"
64—Annie May MacArthur	Stellarton	Pictou.
65—Edith Annie May Chute	Brooklyn Corner	Kings.
66—Annie Agatha Hadley	Guysboro	Guysboro.
67—Margaret Jane Dow	Kentville	Kings.
68—Effie Eugenia Mahon	Sweet's Corner	Hants.
69—Fanny Hawes Stevens	Newport	"
70—Jessie Mary Grant	Hopewell	Pictou.
71—Lulu deBlois Zwicker	Bear River	Annapolis...
72—Jennie Raymond Wotton	Wilmot	"
73—Priscilla Scothorn	Milford	Hants.
74—Geraldine May Sterns	Dartmouth	Halifax.
75—Winifred Mary Kennedy	Halifax	"
76—Eddie Milton Addison Bleakney	Tusket	Yarmouth.
77—Charlotte Eleanora Ricker	Glenwood	"
78—Mary Sophia Belliveau	Middle East Pubnico	"
79—Addie May Churchill	Wolfville	Kings.



80—Hazel Irene Gibson.....	Annapolis.....	Annapolis.
81—Jean Emeline MacGregor.....	Amherst.....	Cumberland.
82—Helen Gladys Harper.....	Amherst.....	"
83—Charlotte Amelia Smith.....	Amherst.....	"
84—Robetta Jean MacKay.....	New Glasgow.....	Pictou.
85—Elizabeth Campbell.....	North Grant.....	Antigonish.
86—Myrtle Josephine Robbins.....	Bear River.....	Digby.
87—Sadie Ethel Hale.....	Grafton.....	Kings.
88—Lucy Amanda Illsley.....	Berwick.....	"
89—Mamie Anne Gunn.....	Brule Shore.....	Colchester.
90—Bessie Rosamond Ogilvie.....	Little River.....	Halifax.
91—Jessie Mary MacKenzie.....	Pictou.....	Pictou...
92—Kathleen Philomena McLaughlin.....	Parrsboro.....	Cumberland
93—Anna Regina MacPhee.....	Springhill.....	"
94—Bertha Maud Brown.....	Portauquie.....	Colchester.
95—Ellery Gordon Dakin.....	Centreville.....	Digby.
96—Estella Maude Ogilvie.....	Little River.....	Halifax..
97—Livian May Hiltz.....	Forties, New Ross.....	Lunenburg.
98—Ada Marie Ogilvie.....	Little River.....	Halifax.
99—Vera Mae de Long.....	Barss Corner.....	Lunenburg.
100—Lillas Amy Ritcey.....	Riverport.....	"
101—Henrietta Elizabeth Jackson.....	St. Peter's.....	Richmond.
102—Anna May Putnam.....	Masstown.....	Colchester.
103—Minnie C. MacLanders.....	Brule.....	"
104—Alexander Daniel Archibald.....	New Town.....	Guysboro.
105—Wilhelmina Irene Thompson.....	Iron Rock.....	Pictou.
106—Christena Margaret MacKenzie.....	Pictou.....	"
107—Daisy Riddle Thompson.....	Iron Rock.....	"
108—Jessie Rose MacLean.....	Elmsdale.....	Hants.
109—Martha Ann McLellan.....	Noel.....	"
110—Rebecca Ann Davidson.....	Noel.....	"
111—Mabel Eaton Wickwire.....	Windsor.....	"
112—Elizabeth Marcella McArthur.....	New Glasgow.....	Pictou.
113—William Busby Colter.....	Wallace Station.....	Cumberland.
114—Hattie Sarah Tays.....	Cook's Brook.....	Halifax.
115—Phebe Ann Ogilvie.....	Little River.....	"
116—Flossie Caroline Young.....	Springfield.....	Annapolis.
117—Susie MacQueen Robertson.....	New Glasgow.....	Pictou...
118—Katie Louise Morgan.....	Guysboro.....	Guysboro.
119—Myra Atwood Crewe.....	Louisburg.....	Cape Breton.
120—Ina Lindsay Gower.....	Westport.....	Digby.
121—Jessie Helen Shipley.....	West Leicester.....	Cumberland.
122—Inez Eliza Haywood.....	Oxford.....	"
123—Wilhelmina Melvyn.....	Hammonds Plains.....	Halifax.
124—Gladys Pearl Jewers.....	West Quoddy.....	"
125—Jessie Anna Forbes.....	West Bay.....	Inverness.
126—Anna Loretta Frehill.....	New Glasgow.....	Pictou.
127—Sylvia Keith.....	Stellarton.....	"
128—Bernard Woodworth Skinner.....	Weston.....	Kings.
129—Samuel Seymour Skinner.....	Joggins Mines.....	Cumberland.
130—Beatrice Harriet Dunn.....	Bear River.....	Digby.
131—Lottie Mackenzie.....	Ashby, Sydney.....	Cape Breton.
132—Pearl Vaughan Brannen.....	Woods Harbor.....	Shelburne.
133—Annie Kerr.....	Louisburg.....	Cape Breton.
134—Meda Louise Knowles.....	Barrington Passage.....	Shelburne.
135—Ethel Leone Marriott.....	Bridgewater.....	Lunenburg.
136—Bertha Idell Hirtle.....	Oakland.....	"
137—Seward William Hirtle.....	Mahone Bay.....	"
138—Jessen Ethelward Hirtle.....	Mahone Bay.....	"
139—Malcolm Donald McCharles.....	Baddeck Bridge.....	Victoria.
140—Jennie May Gillis.....	Bridgeport.....	Cape Breton.
141—Mary Lenora Porter.....	Oxford.....	Cumberland.
142—Sadie Esther Vance.....	DeBert Station.....	Colchester.
143—Norman MacLeod.....	Soapstone Mines.....	Inverness.
144—Martha Mills.....	Westville.....	Pictou.

145—Susan Willena Langille . . . . .	Westville . . . . .	Pictou.
146—Ethel Ivella Upshaw . . . . .	Three Mile Plains . . . . .	Hants.
147—Eva Mary Smith . . . . .	Upper Falmouth . . . . .	"
148—Gertrude Joyce Archibald . . . . .	Centre Musquodoboit . . . . .	Halifax.
149—Jeanetta Agnes Myers . . . . .	Oyster Pond, Jeddore . . . . .	"
150—Edna Mabel Barss . . . . .	Hazel Hill . . . . .	Guysboro.
151—Mary McGillivray . . . . .	New Glasgow . . . . .	Pictou.
152—Gilles Vernon Jacques . . . . .	Wilmot . . . . .	Annapolis.
153—Lee Frances Dauphinee . . . . .	North West . . . . .	Lunenburg.
154—Margaret Bell MacNeil . . . . .	Malagash Centre . . . . .	Cumberland.
155—Mary Grant Pearson . . . . .	Truro . . . . .	Colchester.
156—Edith Maude Waite . . . . .	Kemptville . . . . .	Yarmouth.
157—Florence May Atkinson . . . . .	East Amherst . . . . .	Cumberland.
158—Ermina Grace Landels . . . . .	Lower River Herbert . . . . .	"
159—Gertrude Belle Kirk . . . . .	Glenelg . . . . .	Guysboro.
160—Dorinda Freeman Shields . . . . .	Milton . . . . .	Queens.
161—John Francis McLean . . . . .	Purl Brook . . . . .	Antigonish.
162—Bessie Annabell MacNaughton . . . . .	Loch Katrine . . . . .	"
163—Jennie Cameron . . . . .	Vernal P. O. . . . .	"
164—Margaret Gillis . . . . .	Arisaig . . . . .	"
165—Mary Etta Gehue . . . . .	Bear River . . . . .	Annapolis.
166—Mary Inez Porter . . . . .	Wolfville . . . . .	Kings.
167—Cora Etta Hiltz . . . . .	Dalhousie Road . . . . .	Lunenburg.
168—Hattie Belle Dorey . . . . .	Morden . . . . .	Kings.
169—Teresa Currie . . . . .	Glace Bay . . . . .	Cape Breton.
170—Ages Maud Fulton . . . . .	Bass River . . . . .	Colchester.
171—Nellie Lee Ida Urquhart . . . . .	Highland Village . . . . .	"
172—Emma Jane Hawkins . . . . .	Lower Stewiacke, East . . . . .	"
173—Jennie Goldie Hubbard . . . . .	Upper Pereaux . . . . .	Kings.
174—Celia Augusta Sanford . . . . .	Kentville . . . . .	"
175—Gladys Irene Locke . . . . .	Lower Economy . . . . .	Colchester.
176—Nellie McLaughlin . . . . .	Lower Economy . . . . .	"
177—Margaret Jane McDonald . . . . .	Glassburn . . . . .	Antigonish.
178—Hannah Aileene Langille . . . . .	North West . . . . .	Lunenburg.
179—Robert Harold Stoddard . . . . .	Oyster Pond, Jeddore . . . . .	Halifax.
180—Lottie Marion Morrison . . . . .	Gabarus . . . . .	Cape Breton.
181—Margaret Emma Spanks . . . . .	Jordan Ferry . . . . .	Shelburne.
182—Mary Beatrice Jewers . . . . .	Beaver Harbor . . . . .	Halifax.
183—Elsie Clare MacKenzie . . . . .	Elmsdale . . . . .	Hants.
184—Georgie Edna Armstrong . . . . .	Round Hill . . . . .	Annapolis.
185—Annie Laura Matthews . . . . .	Lockeport . . . . .	Shelburne.
186—Margaret McLeod . . . . .	Sydney Mines . . . . .	Cape Breton.
187—Matilda Frances Townsend . . . . .	Louisburg . . . . .	"
188—Marjorie Dennett North . . . . .	Canning . . . . .	Kings.
189—Marjorie Elizabeth VanBuskirk . . . . .	Upper Pugwash . . . . .	Cumberland.
190—Muriel Annie Amiro . . . . .	Lower East Pubnico . . . . .	Yarmouth.
191—Beatrice Mary Turner . . . . .	Berwick . . . . .	Kings.
192—Laura May Dickie . . . . .	Central Onslow . . . . .	Colchester.
193—Beulah Edith Lillian Eisenhauer . . . . .	Lower La Have . . . . .	Lunenburg.
194—Alwilda May Parlee . . . . .	Moser River . . . . .	Halifax.
195—Ethel May Bryson . . . . .	Truro . . . . .	Colchester.
196—Matilda Millard Hagen . . . . .	Hunt's Point . . . . .	Queens.
197—Francis Martin Johnson . . . . .	Upper Stewiacke . . . . .	Colchester.
198—Robie Francis Parker . . . . .	Canning . . . . .	Kings.
199—Genevieve Bathalia Thomas . . . . .	Port Clyde . . . . .	Shelburne.
200—Florence Verona Lloyd . . . . .	Lydgate . . . . .	"
201—Clarence Webster Veinot . . . . .	Lunenburg . . . . .	Lunenburg.
202—Peter MacDonald . . . . .	Marion Bridge . . . . .	Cape Breton.
203—Lillian Ardella Veinot . . . . .	Lunenburg . . . . .	Lunenburg.
204—Josephine Horton McKay . . . . .	Annapolis Royal . . . . .	Annapolis.
205—Margaret Parks Urquhart . . . . .	Barton . . . . .	Digby.
206—Nina Maude Shortliffe . . . . .	Freeport . . . . .	"
207—Cora Amanda Vaughan . . . . .	Bishopville . . . . .	Hants.
208—Mildred Edna Wheelock . . . . .	Bridgetown . . . . .	Annapolis.
209—Alexander Robert Fraser . . . . .	McLellan's Mountain . . . . .	Pictou.

210—Annie Jessetta Ross	Diamond	Pictou.
211—Ellen Faulkner	Noel	Hants.
212—Flossie Annie Lohnes	New Germany	Lunenburg.
213—Lytha May Dotey	Gilbert's Cove	Digby.
214—Maude Alice Elenor Ashton	Ecum Secum	Guysboro.
215—Florence Ethel Kavanagh	Canso	"
216—Frederick William McInnes	Pinkietown	Antigonish.
217—Mary Cassie Chisholm	Guysboro Intervale	Guysboro.
218—Blanche Helena Withrow	Mosherville	Hants.
219—Floris Genesta Dotey	Gilbert's Cove	Digby.
220—Elizabeth Atcheson Kennedy	Pictou	Pictou.
221—Jennie Walker	New Glasgow	"
222—Nicholas Thomas Purcell	Pleasant Valley	Antigonish.
223—Ethel Winifred Gibson	Margaretsville	Annapolis.
224—Ada Genesta Doane	Roseway	Shelburne.
225—Janet Forbes Rose	South Side River Dennis	Inverness.
226—Annie Laurie McNeil	Mabou	"
227—Elizabeth Bell	Port Hood	"
228—Daniel Joseph Sutherland	Poirierville	Richmond.
229—Josephine Margaret Salter	Diligent River	Cumberland.
230—Minnie Cordelia Canning	Ward's Brook	"
231—Ellen Cora Brown	Hartford	"
232—Beatrice Eugenie Mumford	Dartmouth	Halifax.
233—Hattie Evelyn Weatherby	Waldegrave	Colchester.
234—Sadie Elizabeth Taylor	Waterville	Kings.
235—Ernest Elisha Shupe	Milton	Queens.
236—David William Smith	Lunenburg	Lunenburg.
237—Annie Jane Jackson	St. Peter's	Richmond.
238—Florence May McDougall	Antigonish	Antigonish.
239—Ethel Beulah Vogler	Vogler's Cove	Lunenburg.
240—Christine Grant	Lower Stewiacke	Colchester.
241—Elizabeth Dolena McLean	Margaree Harbor	Inverness.
242—Sadie Grace Baker	Wallace Bridge	Cumberland
243—Jessie May Forbes	Melford	Inverness.
244—Evangeline Yould	Kentville	Kings.
245—Margaret Alice Wickwire	Milford	Hants.
246—Harriet Elizabeth Holder	Lunenburg	Lunenburg.
247—John Hubert Craigie	French River	Pictou.
248—Laura Sinclair Fraser	Bridgeville	"
249—Mary Isabell Murray	Halifax	Halifax.
250—Jennie Leah Hebb	Bridgewater	Lunenburg.
251—Gladys Marie Corkum	Middle La Have	"
252—Jennie Bell Cameron	West Tatamagouche	Colchester.
253—Maggie Catherine McLeod	Rivulet P. O.	Inverness.
254—Jessie Catherine Smith	Westville	Pictou.
255—Beatrice Elizabeth Nicol	Amherst	Cumberland.
256—Annie McCormick	Sydney Mines	Cape Breton.
257—Walter Trueman Ruggles	Bear River	Digby.

PRELIMINARY PROSPECTUS  
OF COURSES TO BE GIVEN IN THE  
**LOCAL TECHNICAL SCHOOLS.**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. English.</li> <li>2. Arithmetic.</li> <li>3. Practical Mathematics.</li> <li>4. Mechanical Drawing.</li> <li>5. Machine Drawing.</li> </ol> | <ol style="list-style-type: none"> <li>6. Architectural Drawing.</li> <li>7. Elementary Electricity.</li> <li>8. Mechanism.</li> <li>9. Surveying and Plotting.</li> <li>10. Chemistry.</li> </ol> |
|---|--|

SURVEYING AND PLOTTING AND MECHANISM WILL NOT BE OFFERED THIS  
YEAR IN ANY LOCAL SCHOOL EXCEPT AT SYDNEY.

**SESSION :**

**November 4th, 1907, to April 30th, 1908.**

INTRODUCTION.

It is the purpose of the department of Technical Education of the Province of Nova Scotia, acting in conjunction with the School Boards and the City or Town Councils, to conduct evening classes in the principal localities. It is hoped that all ambitious mechanics, craftsmen, and apprentices, in fact, any men engaged in industrial pursuits, who are desirous of learning the scientific principles underlying their profession or trade, or who wish to improve themselves so that they may rise in their chosen calling, will attend these classes. Students who spend two or three evenings a week during the winter season in attending these classes and who apply themselves diligently to the work should be able to increase their working efficiency and be of proportionately more value to their employers.

These classes are to be within the reach of everyone, and are to be conducted so that the amount charged for admission to them will be very small, and most of it will be returned to the student at the end of the course if he has attended regularly. This matter of fees is referred to below.

Each class will be carried on in a thoroughly practical manner, and the illustrations used, and the problems worked out, will be taken from the every day work of the students whenever possible.

The classes are to be held in the County Academy, or any building which is centrally located and easily accessible to all. One room will be fitted up especially for Mechanical Drawing. The teachers are for most part men in practical work and have been carefully chosen for their fitness as teachers and their eminence in the line in which they work.

OPENING.

It is intended to hold each class twice a week, except English, which will be held once a week only, and each session will be two hours long. Schools will be opened about the first of November, and will continue until April 30th, with the exception of two weeks' vacation, from Dec. 21st, 1907, to Jan. 6th, 1908. A diploma will be given to any student who has attained the standard set in any class, certifying to the fact that he has satisfactorily completed such course.

FEEs.

The fees will be as follows:—

English, for term.....	\$2.00
Arithmetic, Practical Mathematics, each.....	\$3.00
Mechanical Drawing, Machine Drawing, Architectural Drawing, Mechanism, Elementary Electricity, Chemistry, Surveying and Plotting, each.....	\$4.50

To each student who has attended 90% of the sessions of the class, at the end of the course,  $\frac{4}{5}$  of the fee shall be refunded.  $\frac{3}{5}$  shall be refunded for 80-90% attendance,  $\frac{1}{5}$  for 70-80% attendance, and  $\frac{2}{5}$  refunded for from 60-70% attendance.

Descriptions of the classes to be given will be found in the following short paragraphs. This is, however, only a "Preliminary Prospectus," and the official Calendar, with the nights on which classes will be held, the names of the instructors, etc., will be issued later.

ENGLISH.

In this case it is intended to teach the use of written and spoken English and not try to impart any knowledge of English Literature. Nothing is more important for a person who expects to hold a position of any responsibility than the power to express himself clearly and freely in the English language. Many young men consider it a waste of time and find it a very tedious performance to attend any class that is not strictly technical, because they can see no practical value in it. This is, however, a very grave mistake. A business letter cannot be written, or an examination satisfactorily taken, without a fair knowledge of English composition. The young man should not be handicapped by lack of ability to express himself clearly and logically.

It is intended to carry on this class in English in a thoroughly practical way. Instruction will consist mostly of individual drill in the writing of business letters and general correspondence, in spelling, and in simple English grammar applied to composition and conversation. Much attention will be paid to the proper arrangement of words in sentences and the arrangement of sentences in paragraphs, to produce clearness and emphasis in the thought to be conveyed.

Further consideration will be given to forms of business notes, description of inventions, forms of bills and receipts, drafts, cheques, etc. Instruction will also be furnished in writing items for the public press, in drafting resolutions, etc.

ARITHMETIC.

Every mechanical trade, every branch of industry, depends inherently upon the principles of mathematics. The introduction to mathematics is the study of arithmetic. It is one of the commonest forms of knowledge, constantly used in every day life.

Students will not be admitted to advanced classes such as Machine Drawing or Mechanism without having a preliminary training in arithmetic, or having a knowledge of the subject equivalent to that given in this class.

The class will begin at any point where the average knowledge of the students warrants. It will then be carried on to as high a plane as the time of the course for the year allows. The examples to be worked out will be as nearly as possible such ones as are met with every day by the worker, and each student is asked to bring in problems which he meets in his work, to be solved in the class. An outline of the course might follow some such line as the one given below.

Fractions, decimals, metric system, ratio and proportion, percentage, interest, square root, cube root, weights and measures and uses of mensuration; areas of rectangles, triangles, and circles, volumes of rectangular solids, spheres, cylinders, prisms, and pyramids. Specific gravity, weights of castings, shafting, forgings, machined pieces, etc. Problems.

PRACTICAL MATHEMATICS.

This class is supposed to be one step in advance of the class in arithmetic and to take up the simple applications of geometry, trigonometry, and algebra as they are daily applied in the various branches of industries. This class should be of special value to pattern makers, machinists, engineers, boiler makers, draftsmen, etc., but should also be a benefit to anyone with a good knowledge of the principles of arithmetic. An outline of a course is given that would serve as a basis of instruction.

Square and cube root, explanation of construction of shrinkage rules, geometrical properties of angles, triangles, polygons, circles, etc., commonly employed in everyday work. Areas of rectangles, triangles and circles. Volumes of rectangular solids, spheres, cylinders, cones and prisms.

Trigonometrical properties of triangles. Sine, tangent, etc.

Logarithms, use of slide rule.

Specific gravity; weights of castings, forgings and machined pieces.

Simple formulæ for horse power, strength of boilers, etc. Transposition in formulæ and the solving of formulæ for any particular value; strength of shafting; change gears for screw cutting; circumferential speed; heating surface of boilers, etc.

Simple factoring of algebraic equations; fractions in algebra; solving simple equations for unknowns.

All the work in algebra will be carried on with arithmetical examples to make it clear.

#### MECHANICAL DRAWING.

No previous knowledge of this subject is required for entrance into this class. It is intended to make this class of as much practical value as possible, by introducing familiar objects to use as models, instead of employing imaginary prisms, etc. As little time will be spent in teaching the student the use of the inking pen, lettering, etc., as is necessary to give him a fair knowledge, and then practical drawing will be entered upon at once. Neatness and accuracy will be insisted upon in the work, because the attainment of these qualities is only second to the acquirement of the knowledge of drawing itself. It is the aim of the course to make men capable of interpreting quickly and accurately the simpler blue prints and sketches with which they have to work every day.

The line pursued will be something as follows:—

Instruments, and how to use them; geometrical definitions, geometrical problems; inking and lettering; projection of points, lines, plane figures; projection of solids; shade lines; shadows; uses of scales; working drawings; sketching and drawing machine parts.

#### MACHINE DRAWING.

In this course will be taken up the drawing of simple machine parts, to show the application of the theory of projection to mechanical drawing. This will be followed by the making of general arrangement and detailed drawings of some piece of mechanism which will admit of demonstration and instruction in regard to,—

- (1) The materials used in Mechanical Engineering,
- (2) Various kinds of fastenings,
- (3) The theory of stress and strain,
- (4) The strength of materials,
- (5) Methods of generating and transmitting power,
- (6) Shop and field practice, and their influence on design,

And such other subjects as will tend to develop in the mind of the student the ability to reason along mechanical lines, and arrive at the solution of mechanical problems.

#### ARCHITECTURAL DRAWING.

This class will be adapted to the needs of carpenters, cabinet makers, joiners, bricklayers, and stone cutters. It is not intended to make competent architectural draftsmen, but to give men such knowledge of the art of drawing that they can readily interpret the sketches and plans from which they carry out their daily work. The subject as a whole is conducted in quite a different manner from Mechanical Drawing, because there is much less time given to general work and more to actual details and plans of construction.

The following subjects will be treated in some detail.—

Use of instruments, practical geometry, lettering.

Drawing of joints, mitres, mortises and tenons, moldings, trusses, floor plans, etc.

Representation of different bonds in brick laying, drawing of piers, arches, cornices, groins, moldings, intersections of moldings, etc.

The orders and styles of architecture will be taken up with the students who already possess sufficient elementary knowledge.

## ELECTRICITY.

The development of the wide application of electricity for power and lighting has been of comparatively recent date. Many competent steam engineers find electricity introduced in some form into their steam plant and while they can handle the electric machinery perfectly well, are not entirely clear on the fundamental principles, the reasons why, of the action of the direct and alternating electric current. For such as these, for the young enthusiast who is desirous of a good grounding in the first principles of electrical engineering, and for others to whom an elementary knowledge of electricity is a benefit, or necessity, this course is offered. The lessons will be illustrated with experiments to show the actual working of the different phenomena under consideration.

Below is given an outline of the subject in a reasonable development for the practical man:

Fundamental Principles;—Effects of an electric current, electro-motive force, electrical units, measurement of currents, Ohm's Law, branching of circuits, electrical power, electric mains, electric magnets, induction, electrical machines.

Direct current dynamos and motors, different forms of armatures and exciting systems, types of machines, efficiency, direct current motors, electric railways, controllers, troubles with D. C. motors and their cures.

Accumulators;—machines for charging, treatment required, applications of accumulators.

Electric lighting, glow lamps, open and enclosed arc lamps.

Alternating currents;—wave motion, current strength and voltage of alternating currents, induction effects, transformers, phase difference, Wattmeters, power factor, the working of alternating current machines in parallel.

Alternating current generators and motors, synchronous motors, rotary converter, induction motors.

## MECHANISM.

The object of this course is to acquaint the student with the elements of machines and mechanical motions with as little reference as possible to higher mathematics. It is not intended to fit a man for machine design, but to give him an introduction to this subject, acquaint him with the mechanical powers, and give him correct ideas of work and energy so that he may go further into mechanics of machines if he so desires. The applicant is supposed to have a good knowledge of arithmetic, and to be familiar with practical geometry.

Syllabus of course:—

Definitions of motion, reciprocation, vibration, etc.

Definitions of force, energy and work. The parallelogram, triangle, and polygon of forces.

The mechanical powers;—levers, inclined plane; wedge screw, wheel and axle, worm and wheel.

Transmission of power;—Rolling cylinders and cones, friction gearing; rack and pinion, toothed gearing; transmission by bands, belts, cords and chains; length of open and closed belts, speed cones and design of speed cones for constant length belt; rope and chain drive.

Cams and wipers; heart cam, involute cam; link work; crank and rocker, drag link, toggle joint, sliding block linkage, swinging block linkage, quick return motion, parallel motions; wheels in trains; engine lathe trains, screw cutting, rules for calculating change gears for screw cutting.

Gearing;—construction of gear teeth, definitions. Spur, bevel, skew, twisted and screw gearing. Cycloidal teeth.

## SURVEYING AND PLOTTING.

This course is intended to give the student an elementary knowledge of surveying and plotting, so that he will be able to do plain surveying, simple underground surveying, and the plotting of such surveys.

Syllabus of course:—

Plane geometry such as is necessary in surveying. Plane trigonometry, properties of angles, triangles, logarithms, etc. Construction, adjustment, use, and proper care of the various instruments used in surveying. The surveyor's compass, the prismatic compass, the engineer's level, and the engineer's transit. The construction and

use of verniers. Surveying by chain only. Surveying with compass and chain. Keeping of field notes. Land surveying with transit. Latitudes and Departures. Calculation of areas. Plotting survey.

Mining Surveying:—Adaptations of instruments, and methods for surveying underground.

#### CHEMISTRY.

The object of this course is to acquaint those desiring a general knowledge of Chemistry with the elementary foundations of this science which is so fundamental to industry. No previous knowledge of this subject is required. The method of instruction will be for the most part by laboratory work supplemented by informal lectures. The aim of the course is to acquaint the student with the bare elements of general chemistry, then simple qualitative analysis, and a small amount of quantitative analysis, so that he can read the technical chemistry appertaining to his business, and carry out the more simple analyses which relate to his profession.

The work will necessarily be more or less individual, but the following is a general outline that may or may not be strictly followed, according to the desires and needs of the majority of the applicants.

Matter;—solid, liquid, gaseous; molecules and atoms.

Physical properties of matter;—boiling points, evaporation, freezing, diffusion, solution, crystallization.

Elements and compounds, chemical symbols, laws of chemical combination, conservation of matter.

Water;—hydrogen and oxygen. Air;—oxygen and nitrogen. Oxides of nitrogen.

Common properties of the common elements and their compounds; iron, copper, lead, mercury, silicon, silver, sodium, potassium, sulphur, tin, zinc, aluminum, arsenic, chlorine, carbon, fluorine, gold, etc.

Qualitative Analysis. The silver group, the hydrogen sulphide group, the arsenic group, the iron-aluminum group, the alkaline earth group. Determination of simple unknowns.

Quantitative Analysis. Simple individual technical analyses applying to the different businesses in which the respective students are engaged.

#### IMPORTANT EXPRESSIONS OF EDUCATIONAL OPINION.

##### I.

#### REPORT OF THE COMMITTEE ON THE EDUCATION AND TRAINING OF ENGINEERS.

*[Institute of Civil Engineers, Great Britain.]*

Recommendations in respect of Preparatory Education:

1. It is desirable that a boy intended for the Engineering Profession should, before leaving school and commencing to specialize, have attained a standard of education equivalent to that required by the Institution Studentship Examinations; and that he should not commence his special training until he is about 17 years of age.
2. A leaving examination for secondary schools, similar in character to those already existing in Scotland and in Wales, is desirable throughout the United Kingdom. It is desirable to have a standard such that it could be accepted by the Institution as equivalent to the Studentship Examination, and by the Universities and Colleges as equivalent to a Matriculation Examination.
3. Advanced teaching of History and Geography, with instruction and practice in Essay-writing and in Precis-writing, should be included in the ordinary school curriculum; and the instruction in English subjects should include at least an introduction to English Literature.
4. Greek should not be required, but an elementary knowledge of Latin is desirable. The study of Latin should, however, be discontinued during the last two years of attendance at school, or after the standard required for the leaving certificate has been attained. Modern languages, especially French and German, should be studied, and should be taught colloquially or in such a way as to give the pupils a practical knowledge of each language, sufficient to enable them to study its literature and to converse in it with some degree of facility.



5. Instruction in Mathematics should be given by methods differing considerably from those usually adopted in the teaching of this subject merely as an intellectual exercise. The geometrical side of Mathematics should be fostered, and before they leave school, boys should be conversant with the use of logarithms, and with at least the elements of trigonometry, including the solution of triangles. It is also of importance that instruction in practical arithmetic should be carried further than has been generally the case hitherto, with the object especially of encouraging the use of contracted methods and operations in mental arithmetic; and of encouraging also the expression of results with only such a degree of precision (numerical) as is consistent with the known degree of certainty of the data on which they are or may be supposed to be based.

6. It is preferable that boys should attain at school a general knowledge of elementary Physics and Chemistry, or of what is sometimes called "Natural Philosophy," rather than that they should pursue in detail some particular department of science.

7. Special attention should be given to drawing; the instruction should include ordinary Geometrical Drawing with orthographic projection, Curve-drawing, Free-hand drawing and Practical Mensuration.

8. Work in the nature of handicraft, such as Carpentry or Turning or Elementary Field Surveying, may be encouraged as a recreation but should not be required as a school exercise.

9. It appears to be impossible in the general curriculum of school work to include advantageously time for instruction in such a subject as Surveying, which has been suggested.

The Committee recommend that this scheme of Preparatory Education should be officially communicated to the Board of Education and widely circulated amongst those engaged in the conduct of Secondary Schools and Engineering Colleges, in order that future schemes of tuition of youths who contemplate entry into the Engineering Profession may be guided thereby. The Committee are of opinion that if this course is taken it would assist in overcoming one great difficulty now universally felt in Institutions in which applied science is taught. At present, a considerable proportion of students enter technical Institutions ill prepared, and at least one year has to be devoted to instruction which ought to be secured beforehand. Proper preparation is essential if students are to derive full benefit from special instruction in applied science. Professors and teachers ought not to be required to undertake subjects that should be taught elsewhere, but should be left free to devote themselves to scientific and technical instruction which is their real work.

## EDUCATIONAL OPINION.

### II.

#### SCIENCE IN ITS APPLICATION TO NATIONAL HEALTH.

PRESIDENTIAL ADDRESS DELIVERED AT THE MEETING OF THE BRITISH MEDICAL ASSOCIATION.

[*Henry Davy, M. D., Lond., F. R. C. P., Lond., Physician, Royal Devon and Exeter Hospital, in the "Lancet," London.*]

Physical Culture is, in my opinion, one of the most pressing questions of the day, for it is by it alone that we have a proper remedy for the state of muscular degeneration which is so prevalent. It ought to be considered by every educational authority, for by its use use dwellers in city and country alike can have their muscular systems built up and developed to a healthy standard. There is no need that any collection of children who are not diseased should become a class of muscular degenerates. It is a very serious matter, when you come to think of it, that a considerable number of healthy, well fed boys from some of our best public schools are too physically undeveloped to join the army as officers, until they have undergone a course of physical culture after leaving school, and that large numbers of children in the elementary schools are diseased and physically undeveloped. For the children of to-day, are the men and women who compose the nation of to-morrow, and if they are diseased and physically deteriorated the nation in the near future will be equally affected.

Is it sufficiently recognized how greatly the future of the nation is decided during the school life of its children? It is while the children are at school that you must give them the foundations on which the whole of their future, physical, intellectual, and moral, is to be reared, and if they are not shown how to develop their bodies and keep them in health, the only chance of their learning it has been missed. It is also essential to see that during their school life they are not exposed to contamination from disease, and this can only be done by placing them under the supervision of a trained and qualified medical man, as is done in Japan and in nearly every other country in Europe except England. As the Committee on Physical Deterioration emphatically recommends, every school in the country without exception should be under the supervision of a properly trained medical officer. It should be his duty, with his assistants, to examine every pupil, to see who are healthy and who are diseased, who are fit for a course of physical culture, and who are not, and generally to look after the health and development of the children. How necessary such medical supervision must be is proved by the fact that Dr. Alfred Greenwood, medical officer of health of Blackburn, in an examination of 388 school children of that town, found that no less than 54 children were affected with some form of tuberculosis, and of this number 34 had tuberculosis of one or both lungs.

I would urge on the educational authorities that they are responsible for the development of the pupils' bodies as well as their minds, and that it is of little use to the nation to bring up men with their minds stored with facts, but their bodies left ill-developed and generally degenerate. Playgrounds are as necessary for the healthy development of our children as school buildings, gymnasia as class rooms, trainers in physical exercises as school teachers, and if every board school cannot be provided with these necessary adjuncts they should, at all events, be provided in certain areas, so that physical development is provided for and insisted on for all children.

I know of nothing more worthy of the attention of this great Association and of its powerful organ in the press than that the duty of pressing on the statesmen of the day the need for making elementary physiology and hygiene a compulsory part of the education of all the children in this country. We shall never be able to deal satisfactorily with physical degeneracy and the prevention of disease so long as the majority of the men and women in the nation remain in absolute ignorance of the very rudiments of science and hygiene. It is not creditable to our educational systems that a so-called "well-educated" gentleman, who may one day be called on to legislate for his country in Parliament, should be able to go through one of our best public schools and take a degree at one of our oldest universities, without the least knowledge of the composition of the atmosphere and without the most elementary ideas as to food and hygiene; but so it is, and I despair of improving the health of this country and of preventing a mass of preventable disease so long as this anomalous condition of education exists. For in the prevention of disease we as a profession, can do little or nothing unless we have the support of public opinion behind us, to assist in carrying out the precautions which science shows to be necessary.

But it must remain, after all, with the Government to apply this truth to the legislation of the country, and to the every-day life of the people. This it is possible for a Government to do, this has been proved by the Government of Japan. You have here a nation which had its own civilization, and whose people were well educated in Chinese Classics and Literature, but who were not acquainted with the science which is the distinguishing feature of Western civilization. For 250 years this people enjoyed peace, and during this time had been able carefully to examine the work being done by other nations. They saw the value of science and scientific developments of the Western world, all of it new to their modes of thought and life; they determined to bring it into their mode of life, and they have done this in a thoroughly systematic manner.

Earlier in this address I quoted to you the systematic manner in which they introduced physical exercises, gymnastics, and games into all their schools, and we can see the value of their system yet further shown in the marvellous freedom from disease which was apparent in their armies during the late Russo-Japanese war. Through the kindness of Admiral White I have been able to make a study of the book of rules which each Japanese officer took into that campaign. They were drawn up by a body of experts, military surgeons, and they deal with almost every contingency likely to be met with in warfare. There has never before in history been so systematic an application of the science of the day to the every-day life of a soldier nor are there many armies in the world sufficiently educated in hygiene to understand such minute details. But all the children in Japan are taught in their schools the principles of elementary hygiene, and, carrying out the directions given to them, the soldiers march-

ed to victory, with less illness from preventable disease than ever occurred in any previous campaign; and they thus gave a demonstration to all nations of the importance of the application of the science of the day in the prevention of disease. If Japan can thus bring science to assist in preserving the health and physique of their nation, England can do the same, or else she must eventually take a back seat in that concourse of nations in which only the fittest will be supreme. In one of his most striking passages Rudyard Kipling, says: "We are a great people and very strong, but we build our empire in a very wasteful way—on the bones of the dead, who have died from disease!" It is of our profession, gentlemen, as the advisers of the nation on all matters of health, to show how much of this terrible waste can be prevented; and just in proportion as we succeed in doing this, in that proportion shall we be carrying out the highest purpose of our profession in maintaining the health of the individual and in preventing the degeneration of the nation.

### EDUCATIONAL OPINION

#### III.

#### CURRICULA OF SECONDARY SCHOOLS.

[Report of the Committee of the British Association, consisting of Sir Oliver Lodge (chairman), Mr. C. M. Stuart (secretary), Mr. T. E. Page, Profs. M. E. Sadler, H. E. Armstrong, and J. Perry, Sir Philip Magnus, Principal Griffiths, Dr. H. B. Gray, Prof. H. A. Miers, Mr. A. E. Shipley, Prof. J. Findlay, and Sir William Huggins, appointed to consider and to advise as to the curricula of secondary schools; in the first instance, the curricula of boys' schools. August, 1907.]

The Committee submit for consideration the following conclusions which they have reached as the result of their debates:

1. There is need for secondary schools of different types, with different curricula or combinations of curricula: because

- (a) All boys are not suited to the same course of study.
- (b) The requirements of the various callings upon which the boys will subsequently enter, differ considerably.
- (c) The needs of the schools differ in a considerable degree, according to the economic conditions of the districts in which they are situated.

Broadly speaking, however, the secondary schools fall into two different types—viz., those in which the majority of boys remain till eighteen or nineteen, and then continue their education at places of university rank; and those in which the majority leave at fifteen or sixteen and proceed to business. There is, however, no sharp line of demarcation between the two.

2. The Committee consider that one modern foreign language should in all cases be begun at an early age; but are of opinion that it would be a wise educational experiment to postpone the *systematic* teaching of Latin as an ordinary school subject till twelve years of age, and that such a change will prove sufficiently successful to warrant its adoption.

On the other hand, they are of opinion that such absence of *systematic* teaching by no means precludes its *incidental* teaching before the age of twelve by such means as will naturally occur to a fully qualified teacher of young boys.

The Committee also desire to record their opinion that the continued teaching of either of the two dead languages to boys who, after serious trial, have shown little or no progress in, or capacity for, such linguistic study has little or no educational value; and that, though the mental training afforded by such study is of great value in the case of many boys, yet in the case of others such study not only produces no good results, but does positive harm to their mental and moral progress by reason of their incapacity to grapple with its difficulties.

The Committee go further, and express their doubt whether the authorities in some secondary schools have sufficiently recognised this fact, or have provided sufficient alternatives to such linguistic study.

3. The Committee deprecate any form of early specialisation in the education of children, and therefore regard with great concern the fact that the entrance examinations at the great English public schools give undue prominence to the study of

Latin (and Greek) in the course of education at the preparatory schools, the result being that too little time is available for (a) the teaching of the mother tongue, (b) manual training, (c) science and mathematics.

4. The Committee would deprecate anything like State-imposed rigidity in the organisation and studies of secondary schools.

But the Committee are led to the conclusion that up to twelve years of age there might be a broad general course of education for all. It would in all cases include careful preliminary training in the use of the mother tongue, so that it could be used in speaking and writing correctly on ordinary occasions, and would further comprise the following divisions:

(1) Literary; (2) mathematical; (3) scientific; (4) manual training.

They consider that a school week of twenty-six hours might be divided as follows:

Literary work, thirteen hours; mathematical and scientific work, nine hours; drawing and manual training, four hours; while for those who after twelve years of age commence the study of Latin, the division of time should be: literary work, sixteen hours; other subjects, ten hours.

5. The Committee are of opinion that the curriculum in secondary schools suffers gravely from the number of subjects which have been crowded into it, and they regard this as the most serious factor in secondary education at the present time. They are of opinion that this "overcrowding" is due to two causes:

(1) The disproportionate amount of time bestowed in many schools on the two ancient languages, which leaves only a small residuum for each of the other subjects now increasingly regarded as essential items of education, the result being that the pupil obtains only a smattering of the knowledge of such subjects.

(2) The ill-founded belief that the curriculum should be an abstract of all modern knowledge.

6. The Committee desire to see a great simplification in the arrangement of examinations for secondary schools, and they strongly recommend that examination and teaching should go hand in hand, the examiners co-operating with the teachers and acting in conjunction with them in order to further the interests of real education.

The Committee would urge upon the universities and professions to accept as qualifying for entrance the leaving certificates granted by each university to the schools which submit to its inspection.

The aim should be to examine in accordance with the teaching, and to pay special attention to the special peculiarity of each school, or group of schools; and it would be a great relief, and at once improve the teaching of the higher forms, if the results of such examination were accepted by universities and professional bodies without further entrance test.

The Committee particularly deprecate any uniform or centrally administered examination applied to all the schools of the country. For a uniform State examination if it were made the door of entrance to all higher courses of study and the professions and Civil Service, would do much evil, focussing the efforts of teachers and pupils upon those parts of the school curriculum in which alone examination is possible. Further, the rivalry between schools would cause the standard of attainment steadily to rise, until the over-pressure became serious, and intellectual vigour and independent thought were killed.

7. The Committee feel that no scheme of secondary education can be satisfactory unless it is carried out by teachers of learning and force of character, and they would urge that every effort should be made, by conditions of appointment, by scale of salaries, and by retiring allowances, to attract a high class to the teaching profession, which should be regarded as a very laborious, but very honourable, form of public service. Prompt action in this matter is urgent and imperative; for, unless something is done without delay, the best interests of the schools, and especially of boys' day schools, will be sacrificed to a false and disastrous economy.

## EDUCATIONAL OPINION.

## IV.

[Extract from the opening Address of the Educational Section of the British Association, by the President, Sir Philip Magnus, M. P., of the University of London, August, 1907.]

There never was a time perhaps when it was more necessary than now that education should be regarded dispassionately, apart from political bias, as a matter of vital interest to the people as a whole. Education nowadays is a question which affects not only the life of a few privileged, selected persons, but of the entire body of citizens. The progress that has been made during the last few years in nationalising our education has been very rapid. It may be that it has been too rapid, that sufficient thought has not been given to the altered social and industrial conditions which have to be considered. We have witnessed a strong desire and a successful effort to multiply Secondary and Technical Schools and to open more widely the portals of our Universities. The object of the desire is good in itself. As a people grow in knowledge the demand for higher education will increase; but the serious question to be considered is whether the kind of education which was supplied in schools, founded centuries ago to meet requirements very different from our own, is equally well adapted to the conditions which have arisen in a state of society having other needs and new ideals. Very rightly our students in training for the profession of teachers are expected to study the writings of Locke, Rousseau, Milton, Montaigne, and others; but many are apt to overlook the fact that these writers had in view a different kind of education from that in which modern teachers are engaged, and that their suggestions, excellent as many of them are, were mainly applicable to the instruction to be given by a tutor to his private pupil, and had little or no reference to the teaching of the children of the people in schools expressly organised for the education of the many. Only recently have we come to realise that a democratic system of education, a system intended to provide an intellectual and moral training for all citizens of the State, and so organised that, apart from any consideration of social position or pecuniary means, it affords facilities for the full development of capacity and skill wherever they may occur, must be essentially different in its aims and methods from that under which many of us now living have been trained. It has also been brought home to us that the marvellous changes in our environment, in the conditions under which we live and work, whether in the field, the factory, or the office, have necessitated corresponding changes in the education to be provided as a preparation for the several different pursuits in which the people generally are occupied. Yet, notwithstanding these great forces which have broken in upon and disturbed our former ideals, forces the strength and far-reaching effects of which we readily admit, we still hesitate to face the newly arisen circumstances and to adapt our educational work to its vastly extended area of operation and to the altered conditions and requirements of modern life.

When I say we hesitate to face the existing circumstances I do not wish to be misunderstood. As a fact, changes are continually being discussed, and are from time to time introduced into our schools. But such modifications of our existing methods are generally isolated and detached, and have little reference to the more comprehensive measures of reform which are now needed to bring our teaching into closer relation with the changed conditions of existence consequent on the alterations that have taken place in our social life and surroundings.

Four years ago, it will be remembered, a committee of this section was appointed to consider and to report upon the "Courses of Experimental, Observational, and Practical Studies most suitable for Elementary Schools." That committee, of which I had the honour to be chairman, presented a report to this section at the meeting of the Association held last year at York. The general conclusion at which they arrived was that "the intellectual and moral training, and indeed to some extent the physical training, of boys and girls between the ages of seven and fourteen would be greatly improved if active and constructive work on the part of the children were largely substituted for ordinary class teaching, and if much of the present instruction were made to arise incidentally out of, and to be centred around, such work." It is too early, perhaps, to expect that the suggestions made in that report should have borne fruit, but I refer to it because it illustrates the difference between the spasmodic reforms which from time to time are adopted, under pressure from bodies of well-meaning

representatives of special interests, and the well-considered changes recommended by a committee of men and women of educational experience who have carefully tested the conclusions at which they have arrived.

There can be no doubt that, as regards our elementary education, there is very general dissatisfaction with its results, since it was first nationalised thirty-seven years ago. Our merchants and manufacturers and employers of labour, our teachers in secondary and technical schools all join in the chorus of complaint. They tell us that the children have gained very little useful knowledge and still less power of applying it. There is enough in this general expression of discontent to give us pause and to make us seek for a rational explanation of our comparative failure. The inadequacy of the results attained to the money and effort that have been expended is in no way due to any want of zeal or ability on the part of the teachers, or of energy on the part of school boards or local authorities. They have all discharged the duties which were imposed upon them. It is due rather to the fact that the problem has been imperfectly understood, that our controlling authorities have had only a vague and indistinct idea of the aim and end of the important work which they were charged to administer. If we look back upon the history of elementary education in this country since 1870, we cannot fail to realise how much its progress has been retarded by errors of administration due very largely to the want of scientific method in its direction. It is painful to reflect, for instance, on the waste of time and effort, and on the false impressions produced as to the real aim and end of education, owing to the system of payment on results, which dominated for so many years a large part of our educational system. We must remember that it is only within the last few decades that education has been brought within reach of all classes of the population. Previously it was for the few; for those who could pay high fees; for those who were training for professional life, whether for the Church, the Army, the Navy, Law, or Medicine, or for the higher duties of citizen life. This had been the case for centuries, not only in this country, but in nearly all parts of the civilised world. If we read the history of education in ancient Greece or Rome, or mediæval Europe, we shall see that popular education, as now understood, was unknown. All that was written about education applied to the few who got it, and not to the great mass of the people engaged in pursuits altogether apart from those in which the privileged classes were employed. Trade and manual work were despised, and were considered degrading and unworthy of the dignity of a gentleman. I need scarcely say that these social ideas are no longer held. The fabric of society is changed, and we have to ask ourselves whether the methods of education have been similarly changed, whether they have been wisely and carefully adapted to the new order of things. What is it that has really happened? Is it not true that we have annexed the methods and subjects of teaching which had been employed during many centuries in the training of the few and applied them to the education of the people as a whole—to those who are engaged in the very callings which were more or less contemned? Surely it is so, and the results are all too manifest. We have applied the principles and methods of the secondary education of the Middle Ages to our new wants, to the training of the people of other duties than those to which such education was considered applicable, and it is only within the last few years that we have begun to see the error of our ways. In the report of your committee, to which I have referred, it is pointed out that the problem of primary education has been complicated by the introduction of the methods which for many years prevailed in secondary schools, and at a meeting of the National Education Association, held only a few weeks since, it was truly said: "In this country secondary education preceded primary by several centuries and so the nation now finds itself with the aristocratic cart attempting to draw the democratic horse."

Let it not be supposed that in the days not so far distant, yet stretching back into the remote past, the people as a whole were uneducated. This was not so. But we have to widen the meaning of education to include the special training which the people then received—an education that was acquired without even the use of books. It cannot for one moment be said that the artisans, the mechanics, the farm hands, male and female, were wholly uneducated in those far-off days. In one sense possibly they were. Very few of them could read or write. But from earliest childhood they had received a kind of training the want of which their descendants have sadly felt in the cloistered seclusion of the modern elementary school. They were brought face to face with nature. They learned the practical lessons of experience; and as they grew up their trade apprenticeship was an education which we have been trying vainly to reproduce. They gained some knowledge of the arts and sciences, as then understood, underlying their work. Their contact with their surroundings made them thoughtful and resourceful, for Nature is the most exacting and merciless of teachers. The diffi-

culties they had to overcome compelled them to think, and of all occupations none is more difficult. They were constantly putting forth energy, adapting means to ends, and engaging in practical research. In the field, in the workshop, and in their own homes, boys and girls acquired knowledge by personal experience. Their outlook was broad. They learned by doing. It is true that nearly all their occupations were manual, but Emerson has told us, "Manual training is the study of the external world."

Compare for a moment this training with that provided in a public elementary school, and you cannot be surprised to find that our artificial teaching has failed in its results, that our young people have gained very little practical knowledge, and that what they have gained they are unable to apply; that they lack initiative and too often the ability to use books for their own guidance, or the desire to read for self-improvement. We seem to have erred in neglecting to utilise practical pursuits as the basis of education, and in failing to build upon them and to evolve from them the mental discipline and knowledge that would have proved valuable to the child in any subsequent occupation or as a basis for future attainments. We have made the mistake of arresting, by means of an artificial literary training, the spontaneous development of activity, which begins in earliest infancy and continues to strengthen as the child is brought into ever closer contact with his natural surroundings. We have provided an education for our boys which might have been suitable for clerks; and, what is worse, we have gone some way, although we have happily cried a halt, to make our girls into "ladies," and we have run some risk of failing to produce women.

If we are to correct the errors into which we have drifted, if we are to avert the consequences that must overtake us through having equipped our children for their life-struggle with implements unfitted for their use, we must consider afresh the fundamental ideas on which a system of elementary education should be based. Instead of excluding the child from contact with the outer world we must bring him into close relationship with his surroundings. It was given to man to have dominion over all other created things, but he must first know them. It is in early years that such knowledge is most rapidly acquired, and it is in gaining it that the child's intellectual activities are most surely quickened.

It is unfortunate that we failed to realise this great function of Elementary Education when we first essayed to construct for ourselves a national system. The three R's, and much more than that, are essential and incidental parts of Elementary Education. But what is needed is a *Leitmotif*—a fundamental idea underlying all our efforts and dominating all our practice, and I venture to think that that idea is found in basing our primary education on practical pursuits, on the knowledge gained from actual things, whether in the Field, the Workshop, or the Home.

Instead of fetching our ideas as to the training to be given in the people's schools from that provided in our old grammar schools, we should look to the occupations in which the great mass of the population of all countries are necessarily engaged, and endeavour to construct thereon a system with all such additions and improvements as may be needed to adapt it to the varied requirements of modern life. By this process—one of simple evolution adjusted to everyday needs—a national system of education might be built up, fitted for the nation as a whole—a system founded on ideas very different from those which, through many centuries, have governed the teaching in our schools. In the practical pursuits connected with the Field, the Workshop, and the Home, and in the elementary teaching of science and letters incidental thereto, we might lay the foundation of a rational system of primary education.

These three objects—the Field, the Workshop, and the Home—should be the pivots on which the scheme of instruction should be fixed, the central thoughts determining the character of the teaching to be given in rural and urban schools for boys and girls. It was Herbart who insisted on the importance of creating a sort of centre around which school studies should be grouped with a view to giving unity and interest to the subjects of instruction. I have elsewhere shown how a complete system of primary education may be evolved from the practical lessons to be learned in connection with out door pursuits, with workshop exercises and with the domestic arts, and how, by means of such lessons, the child's interest may be excited and maintained in the ordinary subjects of school instruction, in English, arithmetic, elementary science, and drawing. In the proposals I am now advocating I am not suggesting any narrow or restricted curriculum. On the contrary, I believe that, by widening the child's outlook, by closely associating school work with familiar objects, you will accelerate his mental development and quicken his power of acquiring knowledge. I would strongly urge, however, that the child should receive less formal teaching, that opportunities for self-instruction through out-door pursuits, or manual exercises, or the free use of books, should be increased, so that as far as possible the teacher should keep in view the process by which

in infancy and in early life the child's intelligence is so rapidly and marvellously stimulated. Already we have discovered that our unscientific attitude towards primary education has caused us to overlook the essential difference between the requirements of country and of town life, and the training proper to boys and girls. Our mechanical methods of instruction, as laid down in codes, make for uniformity rather than diversity, and we are only now endeavouring, by piecemeal changes, to bring our teaching somewhat more closely into relation with existing needs. But the inherent defect of our system is that we have started at the wrong end, and, instead of evolving our teaching from the things with which the child is already familiar, and in which he is likely to find his life's work, we have taken him away from those surroundings and placed him in strange and artificial conditions, in which his education seems to have no necessary connection with the realities of life.

The problem of primary education is to teach by practical methods the elements of letters and of science, the art of accurate expression, the ability to think and to control the will; and the ordinary school lessons should be such as lead to the clear apprehension of the processes that bring the child into intimate relation with the world in which he moves. During the last few years the importance of such teaching has dimly dawned upon our educational authorities, but, instead of being regarded as essential, it has been treated as a sort of *extra* to be added to a literary curriculum, already overcrowded. What is known as manual training is to some extent encouraged in our schools, but it forms no part of the Child's continuous education. It is still hampered with conditions inconsistent with its proper place in the curriculum, and is uncoordinated with other subjects of instruction. Moreover, no connecting link has yet been forged between the teaching of the Kindergarten and workshop practice in the school. We speak of lessons in manual training as something apart from the school instruction, as something outside the school course, on the teaching of which special grants are paid. Twenty or thirty years ago people used to talk about "teaching technical education," and from this unscientific way of treating the close connection that should exist between hand-work and brain-work our authorities have not yet freed themselves.

It is true we have long since passed that stage when it was thought that the object of instruction in the use of tools was to make carpenters or joiners; but, judging from a report recently issued by the Board of Education, it would seem that it is still thought that the object of cookery lessons to children of twelve to fourteen years of age is the training of professional cooks. Until the Board's inspectors can be brought to realise that the aim and purpose of practical instruction in primary schools, whether in cookery or in other subjects, is to train the intelligence through familiar occupations, to show how scientific method may be usefully applied in ordinary pursuits, and how valuable manipulative skill may thus be incidentally acquired, it does not seem to me that they themselves have learned the most elementary principles of their own profession. An anonymous teacher, writing some weeks since in the *Morning Post*, said: "The cookery class can be made an invaluable mental and moral training ground for the pupils, the most stimulating part of primary education. It teaches unforgettable lessons of cleanliness and order, of quickness and deftness of movements. The use of the weights and scales demands accuracy and carefulness, and the raw materials punish slovenliness or want of attention with a thoroughness which the most severe of schoolmasters might hesitate to use. Practical lessons in chemistry should form an important feature of each class. . . . The action of heat and moisture on grains of rice provides an interesting lesson on the bursting of starch cells, and the children's imagination is awakened by watching the hard isolated atoms floating in milk change slowly to the creamy softness of a properly made rice pudding. The miraculous change in the oily white of egg when it is beaten into a mountain of snowy whiteness gives them interest in the action of air and its use in cookery."

Can the teaching of grammar or the analysis of sentences provide lessons of equal value in quickening the intelligence of young children?

I must add one word before passing from this suggestive illustration of the value of scientific method in the treatment of educational questions. We live in a democratic age, and any proposed reform in the teaching of our primary schools must be tested by the requirement that the revised curriculum shall be such as will provide not only the most suitable preparatory training for the occupations in which four-fifths of the children will be subsequently engaged, but will, at the same time, enable them or some of them to pass without any breach of continuity from the primary to the secondary school. There must be no class distinctions separating the public elementary from the State-aided secondary school. The reform I have suggested is unaffected by such criticism. The practical training I have advocated, whether founded on



object-lessons furnished by the Field, the Workshop, or the Home, would prove the most suitable for developing the child's intelligence and aptitudes and for enabling him to derive the utmost advantage from attendance at any one of the different types of secondary schools best fitted for his ascertained abilities and knowledge. The bent of the child's intellect would be fully determined before the age when the earliest specialisation would be desirable. No scheme of instruction for primary schools can be regarded as satisfactory which is not so arranged that, whilst, providing the most suitable teaching for children who perforce must enter some wage-earning pursuit at the age of fourteen, or at the close of their elementary school course, shall at the same time afford a sound and satisfactory basis on which secondary and higher education may be built. And I hold the opinion, in which I am sure all teachers will concur, that a scheme of primary education pervaded by the spirit of the Kindergarten which, by practical exercises, encourages observation and develops the reasoning faculties, and creates in the pupil an understanding of the use of books, would form a fitting foundation for either a literary or a scientific training in a secondary school.

I have purposely chosen to illustrate the main subject of this address by reference to defects in our primary instruction, because the success of our entire system of education will be found, year by year, to depend more and more upon the results of the training given in our public elementary schools. We have scarcely yet begun to realise the social and political effects of the momentous changes in our national life, consequent on the first steps which were taken less than forty years ago to provide full facilities under State control and local management for the education of the people.

At present all sorts of ideas are afloat which have to be carefully and scientifically considered. The working classes have to be further and somewhat differently educated, in order that they may better understand their own wants and how they are to be satisfied. We have placed vast powers in the hands of local bodies, popularly elected, powers not only of administration, for which they are well adapted, but powers of determining to a very great extent, by the free use of the rates, the kind of instruction to be given in our schools, and the qualifications of the teachers to impart it. Moreover, these local bodies have shown, in many instances, a distrust of expert advice and a desire to act independently as elected representatives of the people, which cannot fail for some time at least to lead to waste of effort and of means. It was said years ago, when the centre of our political forces received a marked displacement, that we must educate our masters. Our masters now, both in politics and education, are the people, and it is only, I believe, by improving their education that we can enable them to understand the essential difficulties of the problems which they are expected to solve, and can induce them to rely, to a greater extent than they do at present, on the results of the application to such problems of scientific method, founded on the fullest information obtainable from historical and contemporary sources.

I might have illustrated my subject by reference to the acknowledged chaotic condition of our secondary education. In the report of the Board of Education published in December last, we read: "While the development of secondary education is the most important question of the present day, and is the pivot of the whole education as it affects the efficiency, intelligence, and well-being of the nation, yet its present position may be described as 'chaos.'" The "chaos" by which the present position of our secondary education is here described is intimately connected with the questions relating to primary education which I have been engaged in considering. If we construct a system of primary education which serves equally for children of all classes, apart from social conditions—a system educationally sound, both as a preparation for immediate wage-earning pursuits and for more advanced and somewhat more specialised training in a secondary school—many of the difficulties which confront the Board of Education, and which are largely of an administrative order, would disappear. The difficulties are in part dependent on the question of curriculum, to the discussion of which a day will be devoted during the present meeting.

University education in this country, and indeed in other countries, has also suffered much from the hands of the unscientific reformer. In Germany, owing to many causes, the higher education has made considerable advances during the past century; but, even in that country, a more critical study of the development of University education and a truer recognition of the twofold function of a University might have prevented the early separation in distinct institutions and under separate regulations of the higher technical from University instruction. Only within recent years has France retraced her steps and returned to the University ideal of seven centuries ago. But perhaps the climax of unscientific thinking was reached in the scheme, happily abandoned, of founding a new University in Dublin on the lines suggested by Mr. Bryce in his now famous speech of January last.

Our conception of the functions of a University has undergone many violent changes. Between the ideal of the University of London prior to its reorganisation and that of a mediæval University, in which students were never plucked, obtaining their degrees whether they did their work well or badly, there have been many variations; but I think it may be said that, recently at any rate, we have come to realise the fact that our Universities, to fulfil their great purpose, must be schools for the preparation of students for the discharge of the higher duties of citizenship and professional life, and Institutions for the prosecution of research, with a view to the promotion of learning in all its branches, and that examinations for degrees, necessary, as they undoubtedly are, as tests of the extent of a student's acquired knowledge, must be regarded as subordinate to these two great functions.

## EDUCATIONAL OPINION.

### V.

#### SIMPLIFIED SPELLING.

From Australia, New Zealand and England as well as the United States of America, movements more or less radical for the simplification of English spelling are growing. Professor Skeat, who only a few months before was criticised sharply by the Edinburgh Scotsman, was roundly cheered at the Cambridge University reception to the delegates of the Empire's Educational Conference, on the 5th of June last, when Dr. Tate, of Victoria, (Australia), in responding to a toast referred to his services for the improvement of the spelling of the English Language. Professor Tucker, of the University of Melbourne, a graduate of Oxford and Dublin, has come out with a most effective appeal in favor of a very radical improvement in spelling. It is re-published by the Government as a special supplement in the Educational Gazette. The Inspector-General of Education, in New Zealand, is also in favor of reform. The great *Journal of Education*, published in London and Edinburgh, spells "program" in English instead of French as we do in many publications in Nova Scotia. The Conservative Germans have cut it down only half way at date, with whom it appears as "programm."

When Carnegie and Roosevelt joined the movement in the United States, Canadian newspapers, with very few exceptions, republished some caricatures of the movement copied from the yellow American press. Our people have, therefore, been left uninformed on this important subject. They are not aware that the leading authorities in English scholarship in Great Britain, as well as in the United States, are at the head of this movement, which many do not support because they think it not sufficiently radical to be of much present advantage.

This the Conservative school admits; but it holds first, that changes to become popular must not be too many at a time. And that as soon as the people become used to moderate instalments of reform they can accommodate themselves to its continuance under the authority of a body of the acknowledged scholars of the English speaking world, until the spelling becomes as perfect as possible.

At the last meeting of the National Educational Association of the United States, at Los Angeles, a member of the Executive, moved that the last twelve spellings of the three hundred list adopted several years before, including "thru, tho, &c.," be discontinued; and it passed without notice. When it was brought to the attention of the Association the action of the Executive was censured by a vote of 209 to 22. The teachers of the 90,000,000 in the United States may be considered to be solidly in favor of simplification since 1898, when the simplified spelling was adopted in its reports.

One thing is as certain as fate, and that is, that if there should be a cleavage in the spelling of English, the shorter, more regular, and more scholarly form will become eventually, not only the popular but the literary form.

We should, therefore, move slowly, until the busy and conservative people have time to think and act in unison with us. In the meantime, while we would not compel any one to give up the old spelling, no matter how wrong that spelling may be, we dare not cut down a candidate at examination a single point because he chooses to follow the recommendations of the scholars of the language who are interested in making it the more worthy language of the future.

As neither our newspapers nor our educational papers have published the list of three hundred simplified words, we do so here, so that those concerned may know exactly what simplified spellings can be accepted by examiners. Private and un-

authorized simplifications are misspellings. The three hundred words have a higher scholarship authority than that of any dictionary, it must be remembered; for they are recommended unanimously by the greatest dictionary makers in Great Britain as well as by those in the United States of America.

SIMPLIFIED SPELLING.

THREE HUNDRED WORDS.

A. abridgment, accouter, accurst, acknowledgment, address, adz, affixt, altho, anapest, anemia, anesthesia, anesthetic, antipyrin, antitoxin, apothem, apprize, arbor, archeology, ardor, armor artizan, assize, ax.

B. bans, bark, behavior, blest, blusht, brazen, brazier, bun, bur.

C. caliber, caliper, candor, carest, catalog, catechize, center, chapt, check, checker, chimera, civilize, clamor, clangor, clapt, claspt, clipt, clue, coeval, color, colter, commixt, comprest, comprize, confest, controller, coquet, criticize, cropt, crost, crusht, cue, curst, cutlas, cyclopedia.

D. dactyl, dasht, decalog, defense, demagog, demeanor, deposit, deprest, develop, dieresis, dike, dipt, discust, dispatch, distil, distrest, dolor, domicil, draft, dram, drest, dript, droopt, dropt, dulness.

E. ecumenical, edile, egis, enamor, encyclopedia, endeavor, envelop, eolian, eon, epaulet, eponym, era, esophagus, esthetic, esthetics, estivate, ether, etiology, exorcize, exprest.

F. fagot, fantasm, fantasy, fantom, favor, favorite, fervor, fiber, fixt, flavor, fulfil, fullness.

G. gage, gazel, gelatin, gild, gipsy, gloze, glycerin, good-by, gram, gript.

H. harbor, harken, heapt, hematin, hiccup, hock, (not hough), homeopathy, homonym, honor, humor, husht, hypotenuse.

I. idolize, imprest, instil.

J. jail, judgment.

K. kist.

L. labor, lacrimal, lapt, lasht, leapt, legalize, license, licorice, liter, lodgment, lookt, lopt, luster.

M. mama, maneuver, materialize, meager, medieval, meter, mist (not missed), miter, mixt, mold, molder, molding, moldy, molt, mullen.

N. naturalize, neighbor, nipt, niter.

O. ocher, odor, offense, omelet, opprest, orthopedic.

P. paleography, paleolithic, paleontology, paleozoic, paraffin, parlor, partizan, past, patronize, pedagog, pedobaptist, phenix, phenomenon, pigmy, plow, polyp, possess, practise, v. and n., prefixt, prenomen, prest, pretense, preterit, pretermitt, primeval, profest, program, prolog, propt, pur.

Q. quartet, questor, quintet.

R. rancor, rapt, raze, recognize, reconnoiter, rigor, rime, ript, rumor.

S. saber, saltpeter, savior, savor, scepter, septet, sepulcher, sextet, silvan, simitar, sipt, sithe, skilful, skipt, slipt, smolder, snapt, somber, specter, splendor, stedfast, stept, stopt, strest, stript, subpena, succor, suffixt, sulfate, sulfur, sumac, supprest, surprise, synonym.

T. tabor, tapt, teazel, tenor, theater, tho, thoro, thorofare, thoroly, thru, thruout, tipt, topt, tost, transgrest, trapt, tript, tumor.

V. valor, vapor, vext, vigor, vizor.

W. wagon, washt, whipt, whisky, wilful, winkt, wisht, wo, woful, woolen, wrapt.

## NATURE STUDY INFORMATION.

### I.

#### A SIMPLE METHOD OF KEEPING ORNITHOLOGICAL NOTES.

(E. C. Allen Yarmouth, N. S.)

The basis of a good system of recording bird observations is the keeping of a register of all birds seen daily throughout the year. At the end of the year the number of facts that may be deduced from such a register is astonishing.

It may be objected that the time required for keeping this record is more than most people are willing to give; but such time may be minimized to a period of two or three minutes a day by the use of the table illustrated below, which may be ruled either upon the pages of a book kept for the purpose or upon separate sheets.

#### BIRD OBSERVATIONS.

Day of June.	Day of Year.	LOCALITY.	WEATHER.	Wind.	Temp. at noon.	SPECIES.			
						Passer domesticus.	Merula migratoria.	Mniotilta varia.	Vireo olivaceus.
1	152	Yarmouth Town	Cloudy.	S.	75	V. C.	C. S.	So.	2
2	153	Town and Localities A and B....	Cloudy to Fine.	S. W. Light.	77	V. C.	C. S.	C.	So.
3	154	Town and Locality B .....	Cloudy.	S. E. Light	76				
4	155	Town .....	Fine.	W	70				

In the first column are found the days of the month. Next to these come the corresponding days of the year. The utility of these figures will appear later.

Under the heading "Locality" the amount of definiteness used will vary according to the taste and desire of the observer. For general purposes the name of the town or village which is the centre of the district covered by the observations is sufficient; but if the observer wishes to formulate ideas of what small localities, such as groves, parks, marshes, meadows, brook valleys, etc., are favoured by certain species, he may be more definite in this column, and mention these smaller localities visited during the day. Sometimes, to save space and unnecessary writing, it is well to designate certain small localities that are not known by any particular name, by letters, such as "Locality A," "Locality B," but care should be taken that the localities represented by the different letters should be fully described and explained, as should all other abbreviations used in the table, and this key should be kept with the year's observations; otherwise the records would be meaningless to anyone except the author.

The fourth column contains remarks on the weather; the fifth, the general direction and comparative velocity of the wind; and the sixth, the temperature taken at some one time each day, e. g., at noon. If a thermometer is not at hand, this column may contain the remarks—Very Warm, Warm, Cool, Cold, Very Cold, etc., considering the time of year.

The principal value of keeping a record for weather, wind, and temperature, along with that of bird abundance, is to ascertain, by comparing records for different years, what effect, if any, these phenomena have upon the movements and abundance of our birds.

The names of the species, in the "Species" columns are filled in along the top of the table as new birds are observed each day. Scientific names are far preferable. The objection to such common names as "swamp robin," "catbird," "linnet," etc., is the fact that in different parts of the country these names are applied to birds of entirely different species, while such school-boy names as may be commonly used in one locality, are entirely unknown in another. Each bird has but one scientific name, and this is known and recognized universally.

In recording the appearance of birds each day, simple straight marks, such as are used to mark attendance in a school register, may be used whether the birds observed were seen singly or in large numbers. Even such a simple record as this, will, at the end of the year supply material for such facts as when each species was first seen, when last seen, and give some idea of the abundance of each. But by the use of a few simple, and more specific symbols, the records can be made highly interesting, and of infinitely more value. The following observations will be found useful:—C—common; V. C.—very common; Sv—several; F.—flock; S—heard in song; Pr—a pair; N—nesting; Y—young out of nest; D—"drumming," (to be used in observations of the Ruffed Grouse, *Bonasa umbellus*). Many others will suggest themselves to the observer.

Owing to the small number of species of birds found in Nova Scotia during the months of November, December, January, and February, one page (foolscap size) usually gives sufficient space for the records during these months, but for the remaining months it is usually necessary to extend the columns across two pages.

The interesting facts that may be obtained at the end of the year by an examination of the records, will amply repay the student for the small amount of time spent in jotting them down.

Such notes as the following, (being two or three of the many drawn from records taken at Yarmouth during 1906) will serve to illustrate.

"Canadian Ruffed Grouse (*Bonasa u. togata*)

Becoming more and more uncommon near town.

First heard drumming, April 21st, then heard occasionally through each month up to September 29th, when drumming was again quite common.

First young seen June 8th.

"Purple Finch (*Carpodacus purpureus*)"

First seen March 28th; number seen, one;

Next seen, March 30th; became common, April 8th;

Last seen, Oct. 21st. Song period extended from March 28th, to June 30th.

Females were occasionally heard to sing. First females were seen April 28th."

For the keeping of such inferences, together with other notes of length taken from time to time, a system of cards is far preferable to an ordinary book with fixed pages. By the use of the card system, all the notes for each species are kept together.

Five inches by eight inches is a convenient size. The face of each card may be ruled and headed as illustrated.

A
Yellow Warbler.
Dendroica aestiva ..... 652

The number on the second line is the number given to each species by the American Ornithologists' Union.



GOSHAWK (*Accipiter atricapillus*). Only one observed during 1906 close enough for identification, although several were brought in to local taxidermists in the early winter of 1906-7.

SPOTTED SANDPIPER (*Actitis macularia*). Breeding commonly about the seashore, and also near fresh water, inland, June 23rd., young observed, just out of nest at Yarmouth. July 14th., at Mood's Mills, specimens seen, able to fly quite as well as old birds, although still unfeathered about the head and neck.

RED-WINGED BLACKBIRD (*Agelaius phoeniceus*). One specimen shot at Cranberry Head near Yarmouth, on or about Dec. 1, and brought to town for mounting.

ACADIAN SHARP-TAILED SPARROW (*Ammodramus subvirgatus*). Found common, and in song about our salt marshes during the summer.

SAVANNA SPARROW (*Ammodramus savanna*). April 21, common, April 22, April 21, September 26. Very common about town. During the six weeks spent farther inland, however, this species was not observed once although much open cleared land was almost daily passed. It would appear from this that the species favored proximity to Coast.

CEDAR WAXWING (*Ampelis cedrorum*). June 4, several June 5, June 6, September 26. This species was more common both in town and country and remained with us later than on any other year covered by my observations.

BLACK DUCK (*Anas obscura*). A flock seen as early as July 20. Local hunters report that broods are often too young to fly even later. Those mentioned were on the wing.

AMERICAN PIPIT (*Anthus pennsylvanicus*). Rare here. I have only observed it twice in the past eight years. A large flock was observed at Yarmouth Sept. 26.

GREAT BLUE HERON (*Ardea herodias*). July 8. Two July 9. Sept. 24.

RUFFED GROUSE (*Bonasa umbellus*). Becoming more and more uncommon near town. First heard drumming April 21, then heard occasionally through each month, up to Sept. 29, at which time drumming was again quite common. First young seen June 8.

AMERICAN BITTERN (*Botarus lentiginosus*). May 18. Two June 23.

CANADA GOOSE (*Branta canadensis*). April 13, Flock April 20. I see this species only during the Spring migrations, and now less often than formerly.

PURPLE FINCH (*Cardinalis purpureus*). March 28, one; March 30, April 8, October 21. The song period extended from March 28 to June 30. The females occasionally sing. Did not see first female until April 25.

PILEATED WOODPECKER (*Ceophloeus pileatus*). Only one observed, a female, shot within a mile of Yarmouth Jan. 20.

BROWN CREEPER (*Certhia familiaris americana*). Only three seen, two at Yarmouth Jan. 2, one at Moods Mills Aug. 7.

KINGFISHER (*Ceryle alcyon*). April 22, one; May 18, Sept. 9. Never common. One pair, occasionally two, found in each favorable locality. One burrow was found in an old compressed saw-dust dump.

CHIMNEY SWIFT (*Chaetura pelagica*). May 15, several May 16, Aug. 19. Found fully as common in the woods, with houses distant and scattered as about town. This would appear to indicate that these birds do not all prefer chimneys to hollow trees.

BARN SWALLOW (*Chelidon erythrogaster*). May 6, Common; May 10, May 6, Sept. 2.

NIGHTHAWK (*Chordeiles virginianus*). June 16, One; June 20, June 30, Oct. 20. Booming period of males June 20 to Aug. 12.

MARSH HAWK (*Circus hudsonius*). Aug. 17, Two; Sept. 2, Sept. 15, Sept. 15. These birds probably arrive here earlier than Aug. 17, but they are much more common in Autumn.

BANK SWALLOW (*Clivicola riparia*). Only one observation. One seen Aug. 24.

FLICKER (*Colaptes auratus*). April 21, Three April 29, Nov. 13.

PARULA WARBLER (*Compothlypis americana*). Found fairly common and in song about Mood's Mills throughout July.

OLIVE-SIDED FLYCATCHER (*Contopus borealis*). Observed nearly every day about Mood's Mills from July 6 to Aug. 5.

WOOD PEWEE (*Contopus virens*). Observed fairly common about Mood's Mills from July 6 to August 8.

CROW (*Corvus americanus*). We have a daily migration of these birds over the town, during the winter. In the morning they fly Northwest and in the afternoon Southeast. However when the ground is snowcovered or when there is a strong North wind, the crows seem to show a tendency to stop and feed about the town.

RAVEN (*Corvus corax principalis*). Rather uncommon. Seen only seven times during the whole year.

BLUE JAY (*Cyanocitta cristata*). Found fairly common in the woods inland. As a rule seldom seen in town but this year a large flock appeared in the town about Sept. 25, and remained about till Oct. 20.

YELLOW WARBLER (*Dendroica aestiva*). May 12, one; May 13, May 16, Sept. 6. Song period from May 12 to July 17. Found much more common in town and open country than in the deep woods.

BLACKBURNIAN WARBLER (*Dendroica blackburniac*). Seen at Mood's Mills on six occasions between July 7 and Aug. 2. Females were observed caring for young out of the nest, so they evidently breed in that locality.

BLACK-THROATED BLUE WARBLER (*Dendroica caerulescens*). One seen at Yarmouth Oct. 18.

MYRTLE WARBLER (*Dendroica coronata*). Apr. 21, Several; Apr. 23, Apr. 29, Oct. 23. Song period April 22 to June 8. Young found out of nest but still under care of parents July 17. A tendency to congregate in flocks noticed throughout October.

MAGNOLIA WARBLER (*Dendroica maculosa*). Apparently much less common than usual. Several seen during first half of July.

YELLOW PALM WARBLER (*Dendroica palmarum hypochrysis*). May 31, one; June 15. Oct. 13. I never saw this species here in large numbers except in the Fall migrations. This year several flocks were observed during the last of September and first of October.

CHESNUT-SIDED WARBLER (*Dendroica pennsylvanica*). May 31, one; June 30. No further observations.

BLACK-THROATED GREEN WARBLER (*Dendroica virens*). May 19, several; May 23, May 31, Sept. 15. Song period May 19 to Aug. 13. Among the evergreen woods this is our most common species of warbler.

BOBOLINK (*Dolichonyx oryzivorus*). Very common in Yarmouth Co. Only a pair seen near town June 8.

DOWNY WOODPECKER (*Dryobates pubescens*). Fairly common. Permanent resident. More common in winter.

HAIRY WOODPECKER (*Dryobates villosus*). Permanent resident. Rather less common than *D. pubescens*.

LEAST FLYCATCHER (*Empidonax minimus*). May 18th, one; May 21st, June 1st. Song period, May 18th to June 30th.

CATBIRD (*Galoscotes carolinensis*). Not at all common. A very few seen about Mood's Mills, from July 6th to August 14th.

WILSON'S SNIPE (*Gallinago delicata*). May 19th, two; May 26th. No further observations. The aerial performance of the males last from their arrival to the last of May.

MARYLAND YELLOWTHROAT (*Geothlypis trichas*). May 18th, one; May 19th, May 31st, September 29th. Song period, May 18th to August 3rd. Most common lowland warbler.

BALD EAGLE (*Haliaeetus leucocephalus*). Only one observed Feb. 10th.

JUNCO (*Junco hyemalis*). April 5th, flock; April 8th. Song period, April 8th to July 22nd. These began to flock in large flocks about the middle of September. Several flocks were seen in November, and two flocks even in December.

AMERICAN CROSSBILL (*Loxia curvirostra minor*). Seen this year in the months of Jan., May, June and Sept., but most common in June. Flocks seen from May 26th to June 10th, contained birds in characteristic immature streaked plumage.

WHITE WINGED CROSSBILL (*Loxia leucoptera*). Seen in Jan., Sept., Oct., Nov., and December.

SONG SPARROW (*Melospiza fasciata*). April 3rd, two; April 4th, Oct. 26th. Song period from April 3rd to August 2nd. Another short song period occurred throughout the warm days which we had in October. Found as common inland as near the coast.

SWAMP SPARROW (*Melospiza georgiana*). April 21st, common. Song period. April 21st to July 26th.

LINCOLN'S SPARROW (*Melospiza lincolni*). One specimen (male) shot at Kelley's Cove, South of Yarmouth, June 22nd. The only specimen that has come under my notice up to this date.

AMERICAN ROBIN (*Merula migratoria*). April 5th, one; April 6th, April 8th. Song period April 8th to July 26th. Many remained over. First nest found May 31st. One egg, two young. First young hunting food for himself, June 8th. Signs of flocking noticed July 28th. A young robin was found just out of the nest as late as Aug 29th.

BLACK-AND-WHITE WARBLER (*Mniotilta varia*). May 18th, one; May 26th, May 31st, Aug. 14th. Song period, May 18th to July 17th.



SNOWY OWL (*Nyctea nyctea*). Several came into local taxidermists in early winter of 1906-7. These, however, come from anywhere in the South-western counties, but mostly from coastal localities.

AMERICAN OSPREY (*Pandion haliaetus carolinensis*). Only two seen. Both on Sept. 29th.

CHICKADEE (*Parus atricapillus*). Common throughout the year.

HUDSONIAN CHICKADEE (*Parus hudsonicus*). More common than *P. atricapillus* in midwinter, but becoming uncommon during the other seasons. I have never, up to the present year, found it breeding here.

EUROPEAN HOUSE SPARROW (*Passer domesticus*). Common throughout the year. But in the town a scarcity of these birds was noticed for a period in the Fall, roughly from Sept. 20th to Nov. 15th. The abundance of seeds in the Fall, and the immense flocks of sparrows seen about grainfields in the country at that time may account for this lack of the sparrows in the town at that time. Birds were seen carrying nesting material as early as March 29th.

FOX SPARROW (*Passerella iliaca*). Only two seen, December 16th.

CANADA JAY (*Perisoreus canadensis*). Only four observations throughout the year near town. But at Mood's Mills they were found rather common in July.

CLIFF SWALLOW (*Petrochelidon lunifrons*). May 18th, common, May 21st, May 18th, Aug. 25th. Many seen building June 2nd.

AMERICAN WOODCOCK (*Philohela minor*). I seldom see these birds on their journey North in Spring, except those that come to grief against wires, etc. They were rather common in the covers about our county this Fall. Last seen, Oct. 27th.

ARCTIC THREE-TOED WOODPECKER (*Picoides arcticus*). Only one observation for 1906, a male, which I shot Jan. 29th.

PINE GROSBEEK (*Pinicola enucleator*). I find this bird far more than a mere winter resident. My records show three observations in Jan., two in Feb., one in Mar., seven in July, six in Aug., and two in Nov. From Jan. 8th to Jan. 20th, a small flock was observed in a densely wooded locality three miles East of Yarmouth. On all three of my visits to this place, in spite of the fact that the weather was fairly severe, one or more of the birds was heard in song. They sang from the tops of the tallest trees, and their song resembles in its rambling character that of the Purple Finch. It is interspersed with very robin-like notes, so robin-like that if heard separately one would declare the robin to be the songster. The finch-like trait of singing while on the wing was always noticed.

SNOW-FLAKE (*Plectrophenax nivalis*). Fairly common in flocks during winter of 1905-6. Last seen for 1906—Jan. 11th. Not seen at all in winter of 1906-07, up to Dec. 31st.

GOLDEN-CROWNED KINGLET (*Regulus satrapa*). Our most common woodland bird during the winter and fall months, but from April to August they were uncommon excepting a flock seen in July.

RUBY-CROWNED KINGLET (*Regulus calendula*). April 29th, one; Oct. 13th. Several were heard attempting to sing their spring song Oct. 13th.

RUSTY BLACKBIRD (*Scolecophagus carolinus*). Uncommon this year. Seen only six times. Last seen Oct. 13th.

OVEN-BIRD (*Seiurus aurocapillus*). Found very common about Mood's Mills during July and August, where they were heard in song. A note taken in July is as follows. "We had been for a short distance down the lake, and were on our way back to camp. The lake and all about were perfectly calm and darkness was just coming on. Suddenly from the hard woods on the hillside, a bird shot up into the air, gave a vocal performance, reminding one of that more frequently heard from the Maryland yellow-throat and dove back into the sea of green covering the slope. Some days later I witnessed the descent of one quite near me. When quite near the ground he turned off horizontally, with a rush of wing like that of a nighthawk, lacking of course the booming sound, and shot like an arrow past me into the woods. After August 7th, the cry of "Teacher, teacher" was not heard and the aerial song above described only occasionally.

WATER-THRUSH (*Seiurus noveboracensis*). Sept. 21st, one seen on the lawn in town. This is the only observation for 1906.

AMERICAN REDSTART (*Setophaga ruticilla*). May 23rd, one; May 31st, June 2nd, Aug. 14th. Song period, May 23rd to June 30th. The first female was seen May 31st.

RED-BREASTED NUTHATCH (*Sitta canadensis*). Seen only during the last half of Sept., as follows: Sept. 15th two, Sept. 24th—one, Sept. 29th—several.

WHITE-BREASTED NUTHATCH (*Sitta carolinensis*). One observation August 12th, a flock at Mood's Mills.

**YELLOW-BELLIED SAPSUCKER** (*Sphyrapicus varius*). One taken at Yarmouth April 25th. Found common and feeding young about Mood's Mills from July 5th to July 14th, when they suddenly became uncommon, being seen but twice afterwards, July 27th and August 11th.

**PINE FINCH** (*Spinus pinus*). Found commonly about the town and surrounding country from June 4th to July 3rd, and not seen at any other time during the year.

**GOLDFINCH** (*Spinus tristis*). Appears to have been only a summer resident this year. July 1st, one; July 6th, July 17th, Oct. 5th. Song period July 1st to July 30th. At Deerfield, near Mood's Mills, several males could be heard in song any day in July. They were very common this fall. During a walk about the north end of the town on Sept. 24th, they were the most common bird. Flocks were everywhere, and all were in the dull winter plumage.

**TREE SPARROW** (*Spizella monticola*). Only two observations, one Nov. 3rd, one Nov. 18th.

**BARRED OWL** (*Syrnium nebulosum*). Found at Mood's Mills during July and first half of August, where we often heard them at night, and once or twice found them abroad during the day. On Nov. 5th, I took one in the town.

**TREE SWALLOW** (*Tachycineta bicolor*). April 18th, three; April 20th, April 21st, August 24th.

**GREATER YELLOW-LEGS** (*Totanus melanoleucus*). Only one observation. A small flock Aug. 25th.

**HUMMING BIRD** (*Trochilus colubris*). May 19th, one; May 21st, Sept. 26th. Never common. Rarely more than two or three seen a day. Not one adult male seen this year. Two nests were found. One in the Mountain cemetery July 1st, the other at Mood's Mills July 21st. Both nests were in high, long slender branches and their contents remained unknown but judging from the actions of the parent birds, the first contained eggs and the other young.

**WINTER WREN** (*Troglodytes hiemalis* (?)). The following is from notes taken at Mood's Mills July 16th. During the morning my attention was attracted by a very sweet and canary-like song back of the camp. After much scrambling through tangles and brush heaps, I at last observed the songster perched atop a heap of brush. This bird continued in full song until July 30th. On that date two (I believe different) birds were heard. I believe this to be (*T. hiemalis*) both from my observation of this particular bird and because I have never seen any other wren than this in the county.

**HERMIT THRUSH** (*Turdus aonalaschkae pallasii*). Common during the summer. One was picked up dead in town as late as Nov. 16th.

**WILSON'S THRUSH** (*Turdus fuscescens*). Found fairly common in song during first week of July at Mood's Mills.

**KINGBIRD** (*Tyrannus tyrannus*). May 18th, one; June 2nd, Sept. 2nd, Sept. 8th. Does not become common here until the Fall migrations.

**LOON** (*Urinator imber*). On arriving at our Mood's Mill camp July 5th, one loon was seen in the lake. July 6th to July 9th, two were seen about the lake. No more were seen for several days. July 17th, landing on an island in the middle of the lake, the boat almost ran on to the two large eggs of a loon, in a shallow depression very near the water (within three feet). July 18th, I paddled cautiously out and around the end of the island and the bird plunged from the nest to the water, flapped out along the surface for some seventy-five yards, then dove like a flash to reappear a quarter of a mile up the lake. During the next few days we had much heavy rain. On the night of July 25th, the loons called and wailed most mournfully all night, and July 26th we visited the nest to find the eggs half submerged by the rising water. One loon was watching from the lake. July 27th, there were four inches of water over the eggs and no loon was seen or heard. One was again seen in the lake July 29th, and loons were heard from a neighboring lake in August. I give this only to show that the loon nested too close to the water and met with consequent misfortune. The notion of attributing to animals an imaginary power, prophetic or otherwise, I do not believe to be founded on wide observation. My observations thus far lead me to believe that the lower animals depend more upon their keen senses for their well-being, than upon any prophetic or other supernatural power.

**VIREO** (*Vireo olivaceus*). Common and in song about Mood's Mills during July and August, the incessant song of these birds became much less common.

**CANADIAN WARBLER** (*Wilsonia canadensis*). Several seen at Mood's Mills throughout July and first half of August.

**WHITE THROATED SPARROW** (*Zonotrichia albicollis*). May 18th, two; May 19th, Oct. 13th. Song period, May 18th to Oct. 6th.

NATURE STUDY,

III.

THE BROWN-TAIL AND GYPSY MOTH.

The former of these has already invaded Nova Scotia. The second has vanquished the army of science which for a few years was supported so indecisively by the people of Massachusetts after the expenditure of hundreds of thousands of dollars. They are now marching on, south, west, and north; and may soon be reported from Nova Scotia, where they will add another item of cost to the cultivation of gardens, farms, and forests.

At the request of interested observers we publish the following two "Nature Leaflets," for the information of teachers and pupils interested.

We acknowledge with thanks the permission given by the State Board of Agriculture for the Commonwealth of Massachusetts, to republish these neat instructions with the illustrations.

THE BROWN-TAIL MOTH.

The history of the brown-tail moth is as old as the history of economic entomology. When the early scientists began to record the habits of insects injurious to fruit trees this pest was one of the first to be described. It found its way to Somerville, Mass., in the late nineties, probably on rose bushes imported from Holland, and has now spread throughout eastern Massachusetts, southern New Hampshire and southwestern Maine.



FIG. 1. — Winter web of brown-tail moth

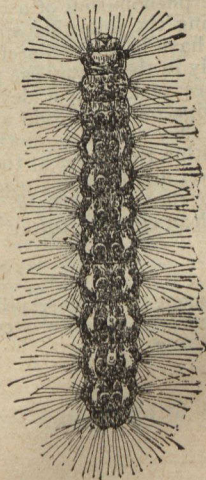


FIG. 2. — Full-grown caterpillar.

The first outbreak of the brown-tail moth covered only a few square miles in Somerville and Cambridge. It was sufficient, however, to yield a swarm of moths which flew, or were drifted by a high wind over a wide territory. As the female moth is a strong flyer its spread has been rapid. In addition to the effect of the wind, the insects are also strongly attracted to light. It results, therefore, that a swarm of moths arising from any infested spot and being drifted by the wind out of their immediate environment fly to the nearest mass of lights. Thus the centres of cities and towns become first infested, and here are established the colonies from which a more general infestation takes place. Electric cars, railroad trains, and even steam-boats, serve to transport the moths. The writer has repeatedly seen them, attracted by the lights, enter into the street or steam cars and be carried for miles. The rapid spreading of the insect indicates that within a few years it will be well distributed throughout New England

## LIFE HISTORY.

The brown-tail moth lays from two hundred to four hundred small globular eggs, thickly covered with a mass of brown hairs from the tip of the abdomen of the moth.



FIG. 3.—Female brown-tail moth.

The typical egg mass is about two-thirds of an inch long and about one-quarter of an inch wide. While the eggs are occasionally deposited on branches or trunks of trees, or even on lamp posts or house walls, a very large majority are laid on the under surfaces of the leaves of fruit and shade trees. The moths show a strong liking for pear trees, and will apparently seek out trees of this species in preference to any others. At the same time the apple, elm, wild cherry and white oak are very commonly infested by the insect, while other trees suffer to some extent.

The eggs, laid in July, hatch the following month, and the young caterpillars, feeding in the mass, soon commence their work of spinning their winter webs. In making this web, a number of leaves in the vicinity of the egg clusters are drawn together and are carefully spun in with a tenacious silken web. With the approach of cold weather the caterpillars enter the web and close the exit holes. We then have the strange phenomenon of a caterpillar wintering over when only one-quarter grown and emerging the following spring to complete its life history. Whatever extremes of cold we have in Massachusetts do not seem to affect these insects adversely. They emerge early in the spring, eat first the buds, then the blossoms, and attack the foliage of fruit trees as soon as it develops. The full grown caterpillar is light brown with a white stripe on either side and about two inches in length. Stripping the foliage of one tree they march to another, and so continue until full grown, when the cocoons are spun within the leaves at the ends of the branches, or sometimes on the tree trunks. The pupation usually takes place the latter part of June, and the moths emerge from the first to the twentieth of July. The snow-white female moth is conspicuously marked with an enlarged tuft of brown hair, which gives to the insect its common name.

## NETTLING BY THE CATERpillARS.

The damage by the caterpillars to the fruit trees is only a part of the story. Whenever these insects come into contact with human flesh they produce a most severe

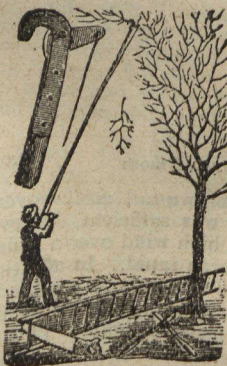


FIG. 4.—Pruning shears suitable for removal of winter webs.

and painful nettling. This is apparently not due to any poisonous material in the hairs, but rather to the finely barbed and brittle hairs themselves. So severe is this affect

tion that in many cases people have been made seriously ill by it. The best remedy for it is the liberal use of cooling lotions, or, what is more satisfactory, even if less pleasant, the free use of common vaseline.

#### REMEDIES.

The habit of the caterpillar in wintering over in webs at the tips of the branches gives a key to the simplest and cheapest remedy, which is merely to cut off and burn the webs during the fall, winter or spring. This preventative means is most effective, and gives such excellent results that in Germany, France and Belgium there is a law making it obligatory on property owners to destroy the webs during the winter season. Where citizens neglect to carry out this work it is done for them by local authorities, and the sum thus expended added to their tax levy.

*Winter Work.*—The work of removing the webs is best done by the use of a long-handled tree pruners or similar device. Particular care should be given to gathering the webs and burning them, as any left on the ground will yield caterpillars and continue the infestation locally.

*Spraying.*—Spraying is very effective against these insects; in fact they are much less resistant to the action of poison than is the gypsy moth or elm leaf beetle. To secure best results, spraying should be done as soon as the foliage develops in the spring. Five pounds of the arsenate of lead paste to one hundred gallons of water is sufficient, or, if preferred, one pound of good Paris green kept well stirred may be applied in one hundred and fifty gallons of water.

Where the caterpillars swarm from trees along fences or on house walls the use of kerosene emulsion or strong soap suds is advisable. Fall spraying with arsenate of lead is also effective, but the feeding of the caterpillars at that time of the year is usually of minor importance.

Little good can be done in the way of collecting the eggs or trapping the moths by light, although many of the mature insects are destroyed by arc lamps. There is no method of combatting the brown-tail moths that will give better results for the outlay than the destruction of the webs in the winter season. Cases will arise where the caterpillars swarm from adjoining estates, and where this occurs banding the trees with some sticky material, as heretofore described, will protect the foliage from harm.

#### NATURAL ENEMIES.

Like the gypsy moth the brown tail moth is attacked by numerous parasites and by certain birds, but the latter do not appear to take to it as readily as to the former insect. Of the birds, the cuckoos, vireos and orioles are most helpful, while English sparrows eat many of the winged moths. The garden toad also does its part in feeding first on the migrating caterpillars and later on the moths as they fall injured from the street lights.

A. H. KIRKLAND.

Boston, March 1, 1905.

[From "Nature Leaflet No. 26," published by the State Board of Agriculture of the Commonwealth of Massachusetts, U. S. A.]

#### THE GYPSY MOTH.

The gypsy moth, a well-known European insect pest, was brought to America about 1868 by Prof. Leopold Trouvelot, for use in his experiments on silk-producing insects. Accidentally escaping, it spread gradually in the woodland near Professor Trouvelot's home at Medford, Mass., and, becoming acclimated, soon developed into a first-class enemy of fruit and shade trees. By 1888 the plague of the gypsy moth caterpillars had become notorious, and in 1890 the State commenced its work against the insect. This work, at first carried on by a commission, but principally by the State Board of Agriculture, resulted in bringing the pest under control, and by 1899 so few moths could be found and so little damage was caused by the insect that the Legislature of 1900, probably not realizing the necessity of continuing control measures, stopped the work. The few moths left in 1900 have now multiplied to such an extent that the caterpillar plagues of 1888-90 are duplicated each summer over a much

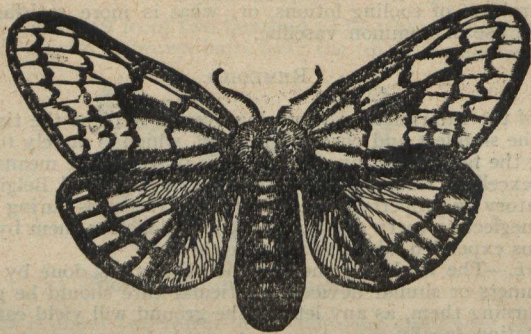


FIG. 1. — Female gypsy moth.

larger area in eastern Massachusetts. Since these insects kill trees and shrubs by repeated defoliations, not to mention the annoyance caused by the invasion of houses.

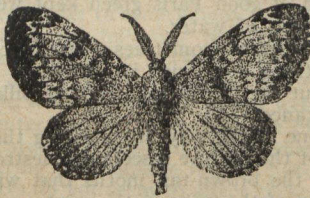


FIG. 2. — Male gypsy moth.

by the swarming caterpillars, it is important that property owners should familiarize themselves with the appearance and habits of the moth and the best means for destroying it in its various stages of development.

#### LIFE HISTORY.

In July and August the female moths lay their yellow, hair-covered egg masses on tree trunks, fences, walls, etc. Each egg cluster is about one and one-half inches in length by half an inch in width, and contains about five hundred eggs. Hatching takes place in April or May. The young caterpillars first attack the buds, and later the blossoms and foliage. Spinning down on silken threads, they are blown

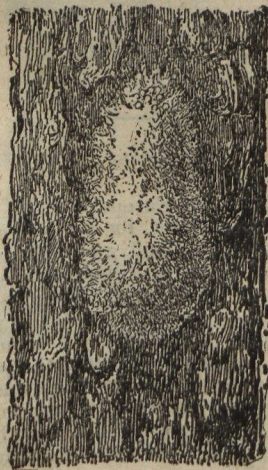


FIG. 3. — Egg cluster of gypsy moth.

about by the wind, or, falling on teams, are often transported long distances. As they grow, the effects of their feeding become more apparent, and badly infested fruit trees, shade trees and woodland are soon as bare of foliage as in mid-winter. By July the caterpillars change to pupæ, from which the moths emerge in the course of two weeks to lay eggs for the next year's brood. The cuts accompanying this article fully illustrate the appearance of the moth in its different stages.

#### DISTRIBUTION.

Teams, automobiles, electric cars, etc., are the principal means of spreading the moth. The female moths do not fly, and the caterpillars seldom crawl over two hundred feet; but each infested spot, early in the spring, yields a swarm of tiny caterpillars, which by the agencies mentioned spread locally, or even to considerable distances, the main spread being, of course, along the principal lines of travel.

#### FOOD PLANTS.

The gypsy moth caterpillar is remarkable in that it attacks nearly all our common fruit and shade trees. The apple, oak and willow would seem to be slightly preferred, while the white ash and rock maple are attacked to a less extent. Garden vegetables,

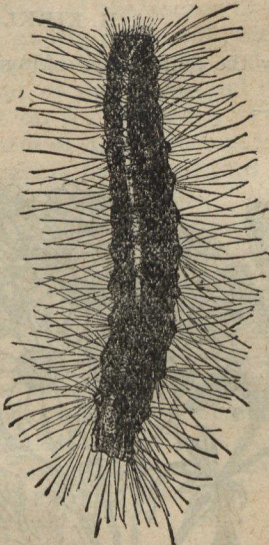


FIG. 4.—Full grown caterpillar of the gypsy moth.



FIG. 5.—Pupæ of gypsy moth.

flowers and shrubs are consumed as readily as the foliage of fruit trees. Pines and other coniferous trees die as a result of one defoliation, while deciduous trees seldom survive stripping three years in succession.

#### REMEDIES.

*Egg Destruction.*—This is best accomplished by searching out the egg clusters in the fall, winter or spring, and soaking them with creosote mixture. This preparation may be found in the seed stores, and retails at from seventy-five cents to one dollar per gallon. In applying it a small paint brush is used, it being important to thoroughly soak the nests.

*Burlapping.*—When a loose band of burlap or other cloth is tied about an infested tree trunk, the caterpillars will gather under it in the early morning, and may then be destroyed by hand. The burlaps should be examined daily.

*Spraying.*—Spraying with arsenate of lead at the rate of ten pounds to one hundred gallons of water is very effective when the caterpillars are small. Any of the

common hand outfits will suffice for the spraying of shrubs or flowering plants. For use on trees a barrel pump is desirable. The poison should be thoroughly mixed in water, and applied, if possible, on a clear, dry day.

*Cutting and Burning.*—In woodland infested by the moth it is usually desirable to thin out the trees and cut the underbrush. The brush so obtained should be burned early in May, after the caterpillars have hatched. If this work is followed by spraying and burlapping, the moth can be brought under control.

Several professional foresters now make a business of destroying the moth on private estates. Where property owners do not have the necessary appliances, the services of such experts can usually be obtained at a moderate expense.

#### NATURAL ENEMIES.

While the gypsy moth is a serious enemy of trees, it has its own foes in the shape of predaceous insects, parasites and birds. Several ground beetles prey on the caterpillars, while true parasitic insects attack both larvæ and pupæ. Several species of birds, notably vireos and cuckoos, consume large numbers of the caterpillars, while others, like the chewink, chickadee, blue jay and crow, do their part in reducing the numbers of the pest. The services of these natural tree protectors is worthy of high praise, but in attempting to control the moth the main reliance must be placed on human efforts,—on the timely and thorough application of the remedial measures outlined above.

A. H. KIRKLAND.

Boston, November 1, 1906.

[From "Nature Leaflet No. 27," published by the State Board of Agriculture of the Commonwealth of Massachusetts, U. S. A.]

#### IV.

The accompanying cut which we owe to the courtesy of "The Farmer's Advocate," London, Ontario, represents somewhat the shape of the yellow-rayed heads of the "St. James" or "Tansy" Ragwort, which form a flat-topped cluster of flowers of a brilliant yellow above a wealth of green leaves, the large basal ones of which are not represented in the figure. The rays are not exactly in true shape and proportion in the figure.

Owing to the pressure of work in the Education Office this Fall, the Phenological Observations from the schools of the Province have not yet been looked into, so that the range of the plant throughout the province cannot be exactly given. In the April Jour-



A Ragwort.



NAL we hope to overtake this work, and publish the usual summary, with the range of *Senecio Jacobaea*.

In Pictou County, the Corresponding Secretary of the East Pictou Woman's Council, reported a fund of \$100 to be offered as prizes to school pupils for exterminating the weed, and hoped the County Council would offer a similar amount. From notes in the *Eastern Chronicle*, the most alive of our provincial newspapers, some progress must have been made in this not only useful but necessary work. There really should be municipal, if not provincial officers, whose duty it would be to cut down or otherwise destroy any weeds or trees spreading disease, charging the expense to the individuals or parties responsible for allowing their growth. Some new and effective legislation is necessary.

In milch cattle one of the first symptoms of *Senecio* poisoning is a putrid odor from the milk, especially distinct when hot water is poured into some in a cup. Near Halifax, some beautiful Jerseys were the other day seen grazing in a pasture between luxuriant clumps of the ragwort. It is quite time that the milk users in our towns and cities should have official inspection of the source of their milk supply. It concerns them just as much as the rural milk users and sellers, who may first have to use or sell unwholesome milk, and later, lose their poisoned cattle. For a fuller account of the origin and character of this poisoning, see Dr. Pethick's report on the "Senecio, (Pictou) Cattle Disease," published by the Department of Agriculture at Ottawa. A very few of the more progressive newspapers have published it in full.

Mr. Malcolm Blue, Post Master at Valley Mills, in Inverness County, reports that it is extending into the Cape Breton counties, *via.*, Orangedale and Marble Mountain. It has been reported seen lately near Whycomogh and even at Upper Glencoe. It will never be more easy to eradicate than now. Twenty years ago it would have been comparatively simple. In a few years it is likely to spread to every part of the province. From Dr. Pethick's reports, teachers can get an idea of what it has already cost Pictou, from which it can be inferred what it will cost the province if allowed to freely spread. The teachers may create a sentiment which may develop into a law against all spreading noxious weeds and other serious disease disseminators before the people are moved to act by heavy loss.

#### NEW SCHOOL MAPS.

George Philip & Son, 32 Fleet Street, London, England, the great map publishers, have just issued a map of Canada and Newfoundland in their series of "Comparative Maps." They are constructed to give greater prominence to the physical features, the land elevations and sea depths, being shown by graduated shades of color. They also publish them with coloring showing the political divisions. No map makers have any higher approval from geographical authorities; and the prices are especially reasonable.



# JOURNAL OF EDUCATION.

OCTOBER, 1907.

## OFFICIAL NOTICES.

The full number of legal teaching days in the half school year ending 1st February, is 108; in the second half year ending 3rd July next, is 107 days. Total teaching days for the year, 215.

## CALENDAR, 1907-8.

1907.

- Aug. 12. Optional opening of Rural Schools.
- “ 19. Regular opening of schools; First Quarter began.
- Sept. 2. Labor Day (holiday).
- Oct. 3. Provincial Normal School opened at Truro.
- “ 21. Teachers' Institute opened at Antigonish.
- “ 31. Thanksgiving Day (holiday).
- Nov. 4. First Monday of Second Quarter.
- Dec. 21. Christmas vacation begins.

1908.

- Jan. 6. Public schools re-open.
- “ 30. Normal Junior Class (D) completes Course.
- “ 31. First half school year ends.
- Feb. 3. Third Quarter of school term begins.
- “ 5. Normal Intermediate Class (C) admitted.
- “ 27. Normal Candidates under Reg., VII. (a) complete Course.
- Mar. 2. March annual meetings of School Sections.
- “ 6. Normal Candidates under Reg. VII. (c) and VIII. admitted.
- April. 17. Good Friday (holiday).
- “ 20. Fourth Quarter of school term begins.
- May 7. Arbor Day.
- “ 22. Empire Day.
- “ 25. Victoria Day (holiday).
- June. 25. Normal School closes.
- “ 29. Regular Annual Meeting of School Sections.
- July. 1. Dominion Day (holiday).
- “ 2. County Academy Entrance Examination begins.
- “ 3. Public Schools close for Summer Vacation.

GENERAL NOTICES.

DISTRICT SCHOOL COMMISSIONERS.

(Appointed 7th June, 1907.)

INVERNESS, SOUTH—John G. McKinnon, Hay River.  
 PICTOU, SOUTH—Allan P. Douglas, New Glasgow.

(Appointed 27th August, 1907.)

CAPE BRETON—Rev. F. C. Ward Whate, North Sydney.

(Appointed 19th October, 1907.)

HALIFAX, EAST—Henry Balcom, Port Dufferin.

“ “ Geo. H. Mosher, Moose Head.

“ “ Rev. T. Sweet, Sheet Harbor.

MANUAL TRAINING LICENSES, 1907.

Mechanic Science	No.	27.	Lee Norton Seaman.
“	“	28.	Arthur Rogers Patton.
Domestic	No.	31.	Etta Mildred Wheelock.
“	“	32.	Margaret Watson Weeks.
“	“	33.	Annetta Blanche Cox.
“	“	34.	Blanche Ronne Harris.
“	“	35.	Julia Florrie Young.
“	“	36.	Alice May Archibald.
“	“	37.	Emmaroy Margaret Smith.
“	“	38.	Mary Elliot McLennan.
“	“	39.	Effie Patterson.

AMENDMENTS OF REGULATIONS

PUBLISHED ON PAGES 4 TO 27 PRECEDING.

REG. 98 (c) (1) is modified so as to allow any candidates for the old “A” to present themselves for examination in July, 1908, as during the past year.

REG. 98 (c) (4) is modified by requiring candidates for the *new* as well as for the *old* “A” to report to the Superintendent of Education their intention to apply for the particular examination at certain stations, on or before the middle of January. The *new* course is *provisional*, and may be modified after fuller consideration.

The terms A (preliminary) and A (final), or XII (preliminary) and XII (final), are meant to convey the idea that a candidate cannot be admitted to the grade XIII or XII (final) examination without first passing the grade XII (preliminary) examination, or its equivalent as specified in Reg. 98 (c). In 85 (b) erase the words “or XIII,” in the fifth line of page 5.

The paragraph in Regulation 110, relating to the exemption of Honor graduates in Universities from a Normal course, cannot go into effect until the C. P. I., recognises the University and its course after due investigation.

REG. 154 (8) does not refer to Licenses issuable on the old "A" examinations, which must be accepted for Licenses as in 1907 up to 1909.

In grade IX, English (a), insert after the words "English Composition as in Sykes," the words "to page 101."

In grade XI substitute the following for subjects 5 and 8 respectively:—

5. PHYSICS:—As in Gage's *Introduction to Physical Science* (For 1908 examination, the Chapters on Sound and Light to be omitted; for 1909, the Chapters on Electricity to be omitted; and so on alternately).

8. GEOMETRY:—*Hall and Stevens' Euclid*, Books III. and IV. with all included exercises, and the theorems and examples *italicized* following each Book from I to IV.

In grade XII (prelim.) for "DeVigny's *Cinq Mars*," candidates may substitute "LaBruyère's *Les Caractères*" (MacMillan).

In grade XII (old "A") candidates can substitute for "Sanitary Science" now out of print "School Hygiene and the Laws of Health" by Charles Porter, (Longmans, Green & Co).

#### REGULATIONS OF C. P. I. FOR CONSOLIDATED SCHOOL SECTIONS WHICH WERE BENEFICIARIES UNDER CHAPTER 22 OF THE STATUTES OF 1903.

##### Ordered:

(1) That in the case of consolidated school sections which received the special Provincial Grant under Chapter 22 of the Statutes of 1903, the conveyance of pupils shall be from points more than two and one-quarter miles from the school house, to a point which will afford such pupils the advantages as to distance enjoyed by those not more than two miles distant, and must be satisfactory to the Inspector of Schools.

(2) Under no circumstances shall it be deemed necessary to convey such pupils further than to and from a point within one and a half miles of the school, or the same distance towards the school in the morning, or the same distance towards the pupils' homes in the evening, as can be most economically arranged.

(3) The Trustees of the Section will endeavor, as far as compatible with the regulations of the C. P. I., to meet the reasonable desires of parents and pupils in the arrangements and equipment for the said conveyance, any point of difference to be referred to the Inspector for decision.

(4) The Trustees in making arrangements for conveyance, shall take the ordinary precautions to have as satisfactory service as possible, at the most economical rate of cost to the section. It is recommended when it may be found expedient, to grant allowances to parents or guardians for the conveyance of their children or their neighbor's children, in which cases the sectional school tax or any portion of it may be remitted to such parties by the Trustees, as a part of such allowance agreed upon.

(5) Generally it may be found most convenient for Trustees to call for tenders for conveyance along certain definite routes at definite times, with a definite equipment, under the oversight of responsible drivers or other parties, in order to ascertain the cost; but Trustees should keep themselves free to make cheaper arrangements when possible, with equally satisfactory conveyance—all arrangements for which are subject to the approval of the Inspector.

(6) That the power conferred upon Boards of School Commissioners by Sec. 17 of the Education Act, with respect to ordinary school sections, be recommended to be applied to distant and isolated ratepayers in Consolidated sections, due regard, however, being paid to the object for which Consolidated sections have been established.

(7) Only resident pupils of the school section from 7 to 14 years of age are to be conveyed free, but other pupils may be carried on the payment of a reasonable fee which will not allow their conveyance to be at the cost of the school section, unless provision had been made for conveying such pupils at the annual meeting of the school section.

(8) All previous regulations inconsistent with these are hereby repealed.

#### DECISIONS OF THE COUNCIL OF PUBLIC INSTRUCTION ON SOME LIMITATIONS OF THE POWERS OF SCHOOL TRUSTEES.

1. School trustees have power to rent temporary school rooms when there is not sufficient accommodation in the public school rooms; but they cannot use for public schools, rooms which are not, for the time, completely under their control for school purposes, so that they can be held responsible for the character of the accommodation which must be in accordance with law.

2. School trustees cannot vacate a public school room for any other room except in order to have it repaired, providing it should be deemed capable of repair; or for some sufficient reason affecting the school section as a whole, such as to secure better grading, but not to suit the desires of individual parties or sects.

3. Any arrangement of school rooms which may (1) prevent the exercise of supervision by the principal teacher of the school section; or (2) prevent the efficient grading of the departments in charge of such teacher, is not compatible with the spirit of the school law. If either of these irregularities exist, and continue after notification by the Inspector, the schools cannot participate in the public grants.

4. It is legal for pupils in a section with only a few departments, which cannot have, therefore, more than one series of grades to meet for devotional exercises in another, room than the one in which they are registered for the work of the grade, the arrangements for exchange to be co-ordinated by the principal so that there may be no confusion or unnecessary loss of time.

#### SCHOOL LIBRARIES (RURAL).

It should be noted that notice of the intention to compete for a rural library grant should be given the Inspector in the notice of the opening of the school.

For the FIVE dollar grant, this year, the value of the books must be FORTY dollars. [See regulation 173 (1) in previous JOURNALS].

For the TEN dollar grant the value of the books must be at least EIGHTY dollars.

#### SCHOOL LIBRARIES (SUPERIOR).

All the schools whose Principals are receiving more Provincial Aid than that of the regular "B" grant must have a school library as one of the conditions of the advanced grant. This applies to the County Academies as well as to the other high schools. No condition determining the minimum circulation of the books of such library is required, however; but each such school has to report the statistics of each library on the regular form, for otherwise the Education Department cannot make a report on the libraries of these schools. When the Superintendent is going to the trouble of collecting such statistics for the information of the public, as is being done in other progressive countries, the principals of the schools receiving these superior grants will not wish—when they think—to give the Department any additional labor in getting the facts from them.

#### PHYSICAL EXERCISE AND MILITARY DRILL.

The Department of Militia and Defence at Ottawa, proposes to aid the continuance of male teachers in the profession by giving a special bonus to those who take the higher certificate for competency, and drill their own cadet corps. From \$50 to \$100 for such training work, added to the increased Provincial grant about to be made, and the retiring annuities provided, show that the Provincial and Dominion Governments are desirous of having not only a worthy teaching profession, but of contributing as much as possible to the financial support necessary. If the school sections now do their duty to the schools, as the people themselves do to each other in trade and wage, the schoolmaster with even more than his old time force and influence may continue to remain more comfortably in the profession.

The proposed scheme will introduce nothing new to the Nova Scotian school system, except, (1) a *bonus* to male teachers (especially if they become militia officers, for which facilities will be given) to do advanced work among pupils of high school age; (2) a text book for the exercises which have for several years been prescribed in Nova Scotia, although not very efficiently carried out except by the later graduates of the Provincial Normal School; and (3) the obtaining of a certificate of the lower

grade of competency by every teacher above the third class, for which facilities will be given at certain centres in addition to those provided at the Normal School. Courses of three weeks may be given during the summer holidays at the Vacation School in Truro and the Summer School of Science for the Atlantic Provinces, for teachers who have already been licensed without being trained to give proper physical drill in school.

The higher grade of training (Military A) is at present done very effectively in the Rifle Cadet companies of the high schools at Halifax, Yarmouth and Middleton, which in 1906 reported a strength of 290. Additional companies have been formed since at other populous centres, but there has been hitherto no arrangement to bonus the teacher.

The lower grade of training (Military B) is now required, as said above, in every school, as the following regulations have been in force for several years, and are printed in every register on every teacher's desk:—

*Physical Exercise and Military Drill.*—Physical exercise should be given for a few minutes in the middle of every session over one hour in length. At such times it is beneficial even to pupils who have walked a long distance to school and who are accustomed to active work at home. The younger the pupils the more often such exercise should be given, in order to maintain physical restfulness and mental activity during the time for study. These exercises should always be made the occasion of training the pupils to maintain the most healthful and graceful position of the body in sitting, standing and moving. This training is as much the duty of the teacher as the other work of the school.

*Military Drill* is the latest result of the experience of generations of practical men in devising the most effective manner of training numbers of men to move in the most convenient order and under the fullest control. It is, therefore, particularly adapted to the movement of pupils in all schools, for girls as well as boys. Apart from other considerations, the fact that the children from various schools are often likely to be massed together, makes it desirable that the same system should be followed exactly everywhere. The best system, and that which is most likely to be useful in the widest extent, is the standard modern military drill. All teachers are required to make as practical an acquaintance as possible with the system of military drill at least as far as "squad drill," and to have their pupils drilled to stand and move smartly. Inspectors are directed to mark no school work under this head, no matter how good, higher than "fair," unless he has had an opportunity of observing the *Military* drill.

The text book proposed is cheaper than the one hitherto recommended. It is the one used in the schools of Great Britain, price nine pence. The drill throughout Canada and Great Britain would thus be identical. The title of the text is "Syllabus of Physical Exercises for use in the Public Elementary Schools." There is nothing of military drill in this course, except the marching and turning movements of the children. The rest is physical culture with clearly figured illustrations.

It is certainly better to have one uniform system, the one found to be the best after years of extensive and careful trial, than an infinity of different systems based on the caprice of individual teachers.

This physical drill is desirable for all who would have healthy, well-poised bodies. It is as necessary for girls as for boys; for those who are to be our future workmen as for those who are to fill the professions. In fact it will as a rule be more useful to the physically laboring classes where so much advantage is obtained by a well developed physique and so much respect is inspired by a manly bearing.

It will have the tendency to prevent the growth of that vain sentiment called "militarism"; for it will develop an accurate, thoughtful

and painstaking habit. It is the people who have not felt the responsibility suggested in all such training who are likely to create irritations provoking foreign war. The cool, well trained cadet, who knows he will be in the front in any such dire emergency, will never be found in the mobs defying the powers and breaking the windows of unprotected people. They will always be the guardians of order and propriety—true citizen soldiers—neither mercenary warriors nor howling rioters. The workman, more than any other class, will be benefited in his student days by the exercise; and if in the inscrutable course of the future our country should ever have to sound the bugle in alarm, it is likely to be for the cause of our workmen. In nearly every country at the present moment, it is room and sufficient employment for the masses which dictate the policies of governments and their commercial treaties; for if the people cannot sell enough of the products of their labor to live, their rulers will be swept off by revolution in a mad struggle for life. It will then be as in the days of old, the starving hordes will invade the happy countries or perish in the attempt.

Below will be found the outlines of the scheme under consideration; and the views of any one interested will with pleasure be transmitted by the Superintendent of Education to the Council.

#### PHYSICAL TRAINING AND MILITARY DRILL IN PUBLIC SCHOOLS.

1. The Nova Scotia Educational authorities will enforce more generally their existing regulations which prescribe the practice of physical training and military drill in all public schools, and will further adopt a system uniform with that of the other provinces of Canada and Great Britain, suitable to the age and sex of the pupils, and will encourage the formation of cadet corps and rifle practice among the boys of high school age, on the understanding that the Militia Council, on its part, will:—

a. Provide competent instructors, at convenient places and seasons, in order to enable teachers, both those now employed in Nova Scotia, and those under training for such employment, to qualify themselves to carry out physical training and military drill; and will also

b. Grant an annual bonus to such qualified teachers as actually impart this instruction, provided that they make themselves eligible for this bonus by becoming members of the Militia Force.

2. As regards the instruction of the teachers already employed, there appear to be four centres, at or near which a sufficient number of teachers are employed to enable classes to be formed and carried on in the evenings, without interference with the ordinary day's work, viz:—Halifax, Sydney, Truro, Yarmouth, and possibly a fifth at Pictou or New Glasgow or Antigonish, may be added. Each course would be followed by an examination.

3. For the benefit of the large number of teachers working out of reach of these centres, it was agreed that instruction might best be provided during the summer vacation, either at the Vacation School held at Truro, or at the Summer Science School of the Atlantic Provinces, wherever held. It is proposed in these cases to hold two courses of three weeks each, at each place, followed by an examination.

4. The Militia Department will provide the Instructors required, dates and places being settled by agreement with the Education Department of Nova Scotia.

5. In order to provide for the instruction of those students who are qualifying to become teachers, the Militia Department will also provide a competent instructor to conduct a course of Physical Training and Military Drill at the Normal School, Truro, dates to be hereafter arranged with the Education Department.

6. In future the Education Department will, before granting a teacher's license higher than third class, require a certificate of competency to instruct in Physical Training and Elementary Military Drill. This certificate, grade B (military), will, if desired, be issued after examination by the Department of Militia and Defence.

7. The Education Department will within three years from the close of the present school year, give an opportunity (as in 2 and 3 above) for all teachers above the third class who have been licensed without the certificate of grade B (military) to

obtain this lower certificate, so that no school of higher grade than third class need be without a teacher competent to give the prescribed physical drill effectively in all the departments of the school.

8. The certificates issued will be of two grades:—

Grade A (military) will represent competency to instruct in both Physical Training and advanced Military Drill, including rifle shooting, and will be issuable to male teachers only, upon their passing a satisfactory examination after a course of instruction carried out at, or under, the supervision of a Military School of Instruction.

Grade B (military) will represent competency to instruct in Physical Training and Elementary drill, and will be issuable to teachers of both sexes.

9. The Militia Department will pay the annual bonuses referred to in paragraph 1 b to those teachers only who hold Grade A (military) certificates and actually instruct the pupils, and are in addition Officers of the School Cadet Corps or members of the Militia.

Under the existing regulations for Cadet Corps, the Department of Militia grants to Instructors of Cadet Corps who are on the instructional staff of the School or College concerned, and who attend and obtain a qualifying certificate at any of the Infantry Schools of Instruction, the same transport and allowances as are paid to officers of the Militia for similar attendance.

The annual bonuses will be paid upon the certificate of an Inspecting Officer of the Militia that the instruction imparted is satisfactory.

10. The Militia Department will draft a syllabus of the work required to be done by a School or College Cadet Corps in order to entitle a teacher to the annual bonus, and will conduct the necessary examinations. Until Cadet Corps possess in the officers qualified instructors, this work of instruction will be carried out by instructors detailed by the Military Department, so far as practicable.

11. The new system will, so far as possible, be brought into force on August 1st, 1908.

12. The system of Physical Training adopted, should be such as to lead on naturally, without change, to the system of drill in force for the Canadian Militia. With this object the Syllabus of Physical Exercises in use in British Elementary Schools will be followed, for the present at any rate. It will be supplemented for more advanced training and rifle practice by the official "Infantry Training" in use by the Canadian Militia.

The instruction given in the schools will be such as is suitable to the age and physical condition of the pupils.

13. The Department of Militia will be prepared to supply for the use of Cadet Corps, belts, caps (if desired) a proportion of arms and ammunition, and in addition drill books for the more advanced training. Uniforms if worn, must be supplied by the schools themselves.

14. The amount of the bonuses to be paid by the Department of Militia and the minimum number of boy members necessary to enable a Cadet Corps to be formed (upon the instruction of which the grant of the annual bonus depends) will be fixed after discussion between the Department of Militia and the Education Department of the province.

It is expected that those who will take the trouble to understand what is proposed to be done, will find it to be desirable in the interests of the health and power of the individual pupils, as well as in the interests of the general well-being of the state. The most highly qualified modern opinion of medical science and of the thoughtful and responsible press of the country urge us to delay no longer. As a type of the former, read the extract from the last Presidential Address of the British Medical Association, reprinted on pages 173 to 175 preceding.

From our own press, read the following words of the sanest and soberest daily of Canada, when commenting on "Schools and Morals," and on the destructive and disgusting pranks which characterise the so-called humor of the silly, witless cads who now-a-days make the loudest noises around many of our universities:—

There is one moral influence apparently looming over our school system which bears closely on the view so earnestly set forth by these writers. It is the proposed encouragement by our Militia Department of physical training, both for boys and girls, in all the schools of the Dominion. As we have said before, we cannot too highly



commend this broad view of what is best to be done to fit our country for defence. Since the 'Witness' began to advocate the use of the schools for that elementary training which would give the country in time of emergency an army almost ready-made—semi-ready, as the clothier says—without the cost and demoralization of maintaining one and at great advantage to our school system, the idea has gained ground very rapidly. We may hope yet to see used as a powerful stimulus to the consolidation and grading of schools some small part of the funds which would otherwise be spent on the maintenance of a force which all earnestly hope will prove unnecessary. The introduction into the schools of military exercises, or exercises for physical development subsidiary thereto, would go a long way, if well managed, to associate amusement and physical effort in the minds of children with obedience to rule and with public duty.—*Montreal Witness, 29 Oct., 1907.*

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### COMMENTS.

The Provincial Advisory Board of Education met in Halifax from the 12th to the 20th of August. Their recommendations to the Council of Public Instruction were considered as promptly as possible, and those approved were printed and published as soon as possible. The extraordinary pressure of unexpected problems on the Education department would prevent the earlier issue of the JOURNAL even were the printer not also crowded.

The delay has had the advantage, however, of enabling some of the later decisions of the C. P. I., to be announced. The first two forms of sixteen pages each, were published early in September, with the changes above referred to.

It should be remembered that the Superintendent is not a member of the Advisory Board, and is not even present at its sessions. He receives its final report as Secretary of the C. P. I., to which he presents it for consideration and final action. The Superintendent will be glad, however, to present to the members of the Advisory Board any views transmitted to him for them, if so requested.

The Superintendent regrets the inconveniences to which the sudden changes this term put many teachers and pupils. He trusts he may have their sympathy when they learn that he has suffered more than the worst used individual among them, himself. These accidents, however, are not made any worse by bearing them patiently. The increased correspondence, the doubling of the numerous and tedious "A" papers, the compiling and printing of which are much more serious than people think, the new technical developments, in addition to the normal crop of routine reports and difficulties always arising, will keep our work for the next year at high pressure. Correspondence, brief, clear and exactly to the point, will therefore be highly appreciated, when correspondence is necessary.

### TEACHERS' INSTITUTES.

This school year is the year of Institutes. Next Fall will be the regular time for the meeting of the Provincial Educational Association. A large union (normal) Institute for the Eastern Counties of Nova Scotia was held at Antigonish from 22nd to the 26th, October. A series of small Institutes are being held at different points in Colchester County, by the new Inspector.

## INSPECTORS' BUREAU OF EDUCATION.

Our Inspectors are making strong efforts to supply every school section with a teacher. They are, therefore, interested in knowing the addresses of teachers who desire a school. Teachers, therefore, will not be considered as imposing on an Inspector, should they send them as early as July or August or later, a card with their address, class of License, scholarship, experience, and the class of school preferred; provided they promptly notify each such Inspector as soon as they are engaged. Such notices might be repeated a few months later to any Inspector within whose division the candidates would be willing to teach, were a suitable school to be had. Unlike other bureaus, this one will charge no fees for placing a teacher; and both Inspector and teacher may consider themselves mutually favored by any such simple system of correspondence.

## AMOUNT LEVIED ON SCHOOL SECTION.

It has been discovered that in one of the Cape Breton Counties some school returns contained a serious error without being detected by the Inspector when summing up the estimates. The error was probably unintentional, and due to a faulty procedure at the annual meeting. It appears that some local authority thought it good form to allow the vote at the Annual Meeting to include the municipal fund—the difference between the vote and the Municipal fund when received being the amount levied on the section. This is wrong in form, and is probably responsible for the entry of "this Vote" as the amount levied on the section.

The amount voted at the Annual or special meeting is the amount, plus the collection percentage, which must be levied on the section. And in the return, the amount actually to be levied on the section must be exactly stated. Teachers when filling in column 146 on page 9 of the register, should make clear to the Secretary what the amount asked for is. If there is an error in this or any other statistics, the Inspector must promptly return the document for correction; and the teacher as well as the School Board will be held responsible for their errors, which if repeated should disqualify them thereafter for teaching or acting as Secretary.

## CENSUS OF SCHOOL SECTION.

In order to know accurately the number of pupils in the section who have not attended school, which is one of the important items of information which school trustees have to discover and report in the *Annual return*, a house to house visitation has to be made.

In Amherst for several years, Principal Lay has combined this work with a more or less general census of the town, in its way perhaps more accurate than the official census, because conducted by a highly competent officer.

In Stellarton last year, the late principal, Mr. J. W. McLeod, did similar work; a very large amount of other valuable information being obtained. So valuable was the light thrown upon the growth of the town and its population, that it suggests that the same plan would be

deemed so valuable in every community were it known, that a small grant would be annually voted in order to aid in making a local annual census a regular annual institution. Wherever there are people intelligently interested in the development of the community, such information would be highly appreciated; and it can be obtained with little more effort than is required for the one item now required before the section is entitled to receive a public grant.

#### PRESENTATIONS.

##### STEAM NAVIGATION.

Mr. James Croil, of Montreal, one of Canada's great veteran editors and authors, after spending a few weeks holidaying in Nova Scotia, kindly presented one hundred copies of his history of "Steam Navigation" to the public schools making the most commendable efforts in establishing school libraries. The volume contains nearly 400 hundred pages, is well bound within ornately gold stamped covers, catalogued at \$1.50, and even their expressage from Montreal to Halifax was pre-paid. This province figures well in it. The neat plate next to the frontispiece is a facsimile of the memorial brass ordered by the Parliament of Canada commemorating the first steam voyage across the Atlantic in 1833. It was the *Royal William* which steamed from Pictou on the 18th of August of that year, arriving at Cowes, Isle of White, England, nineteen days and a half later. There are numerous illustrations of the early steam vessels, some of them with very curious episodes, and of the Nova Scotian, Canadian and foreign pioneers of this, now, tremendously vast industry. The awards of the volumes to the schools were made on the reports of the Inspectors. Mr. Croil's public spirited deed has evoked the thanks of the Education Department of the Province; but the knowledge of the satisfaction he will thus continue to give to many thousands of the young people of this Maritime Country for many years to come, is what he will most enjoy.

##### FARM WEEDS OF CANADA.

This is another valuable presentation to the more commendable school libraries of the Province, in the agricultural districts, on the reports of the Inspectors to the Superintendent of Education, from the Department of Agriculture at Ottawa. George H. Clark, B. S. A., Seed Commissioner of Canada, aided by Dr. James Fletcher, F. R. S. C., and the artist, Mr. Norman Criddle, are to be congratulated on one of the most interesting and good looking publications of the Dominion Government.

The volume is nearly 9 by 12 inches with a hundred pages of descriptive letterpress, and 56 magnificent full page figures in natural colors, which make the plants as clear to the unscientific farmer as to the botanist. About two thirds of the plates, figure weeds found already in Nova Scotia. The natural history and best mode of treating each are very plainly given.

## PUPILS' SCHOOL CORRESPONDENCE.

Teachers who wish to have their pupils linked in correspondence with pupils in other parts of the Empire, can be put in the way of doing so by communicating with

MRS. ORD MARSHALL, Hon. Secretary "League of the Empire,"  
Caxton Hall, Victoria St., Westminster, S. W.,  
London, England.

The League of the Empire is the most convenient institution through which to get into touch with other schools for general school correspondence, nature study correspondence, etc., as intimated in previous JOURNALS.

The *Federal Magazine* which is the *Monthly Record of Work* of the League of the Empire, containing notices of all prizes offered to schools, etc., can be obtained through the same address, for the subscription price of *three* shillings per annum.

## A NELSON VICTORY SHIELD,

containing some of the copper from the old famous battleship "Victory," of Admiral Lord Nelson, to which Lord Strathcona contributed £1,000, to enable them to be offered to schools as prizes, can be obtained through *Mr. Edward W. Matthews, Secretary, Passmore Edwards Sailors' Palace, London E., England.* This institution was originated to aid the British (Canadian) and Foreign Sailors' Society. It is mentioned here because the smallest school can obtain this beautiful burnished Copper shield for no more than one dollar, which will be accepted as a contribution to the Society.

## LORD MEATH EMPIRE DAY CHALLENGE CUPS AND LEAGUE OF THE EMPIRE PRIZES.

## ESSAY COMPETITION FOR EMPIRE DAY, 1908.

The following are the subjects and conditions for the Essay competition inter-all-Secondary Schools and inter-all-Primary Schools of the Empire for Empire Day, 1908.

A. *Secondary Schools.*

Subject:—State and criticise the relation between Great Britain and any Country or Crown Colony with which you are acquainted.

Conditions:—(Secondary Schools). A Silver Challenge Cup, value £10, 10s., presented by the Right Hon., the Earl of Meath, K. P., to be held by the School, and a personal prize of £5, 5s., given by the League of the Empire, is offered for competition, inter-all-Secondary Schools of the Empire, for an Empire Day Essay not exceeding 2,000 words. Age limit, 14 to 18 years old.

B. *Primary Schools.*

Subject:—(a) Write a letter to a friend desiring to emigrate, and point out the advantages of any Country, State, Province or Crown Colony with which you are acquainted; (b) or to a friend living in any part other of the Empire, and point out the advantages of coming to settle in the United Kingdom.

Conditions:—(Primary Schools). A Silver Challenge Cup, value £10, 10s., presented by the Right Hon. the Earl of Meath, K. P., and a personal prize of £3, 3s., given by the League of the Empire inter-Elementary Schools of the Empire, for an Empire Day Essay not exceeding 1,000 words. Age limit, under 14 years old.

All the essays must first be judged in the schools, and afterwards by the authorities kindly co-operating with the League in the different countries of the Empire.

Only those Essays sent in through the authorized channels will be eligible for the final judging arranged for by the Federal Council of the League in London.

The Essays which are entered for the final judging in London must reach the Central Office by the 1st of February next, and Nova Scotian Essays must be sent to the Educational Office, Halifax, *not later than Jan. 1st, 1908.*

The names of the winning schools will each year be engraved upon Cups which are replicas of the Warwick Vase.

The Cups and Prizes will be dispatched in time to reach the winning schools before the 24th May, each year.

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