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LINDSAY  
COLLEGIATE INSTITUTE.

ANNUAL CALENDAR,

\* 1890. \*



Warder Steam Printing House.



# Lindsay Collegiate Institute.

## — BOARD OF EDUCATION. —

ADAM HUDSPETH, Chairman.

JOHN DOBSON,

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J. KENNEDY,

THOS. STEWART,

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J. D. McMURCHY,

R. SMYTH.

ROBERT SPIER, Secretary.



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## TEACHING STAFF.

## Mathematics:

J. C. HARTSTONE, <sup>X</sup> HEADMASTER, HONOR GRADUATE IN MATHEMATICS,  
TORONTO UNIVERSITY.

## Classics:

W. S. MILNER, HONOR GRADUATE IN CLASSICS, TORONTO UNIVERSITY.

## Science:

W. H. STEVENS, HONOR GRADUATE IN SCIENCE, MCGILL UNIVERSITY.

## English:

E. A. HARDY, HONOR GRADUATE IN ENGLISH, TORONTO UNIVERSITY.

## Moderns:

JOHN HEAD, THIRD YEAR HONOR UNDERGRADUATE IN MODERNS,  
QUEEN'S UNIVERSITY.

## Junior Department:

MISS MARTY, FIRST CLASS PROVINCIAL CERTIFICATE, GRADE B, AND  
HONOR UNDERGRADUATE, TORONTO UNIVERSITY.



## THE SCHOOL.

## ATTENDANCE.

The attendance of pupils in the registers of the school has been steadily increasing. Each term a larger number of pupils are enrolled than were enrolled in the corresponding term of the previous year. During the first six months of the present year there were two hundred and twenty-seven pupils in attendance, of whom one hundred and nine were from the town, and one hundred and eighteen from the County of Victoria and other counties. During the present autumn term there are in attendance one hundred and six from town, and one hundred and eighty-four from outside. Total 190.

## RECORD. 1889.

- 1 first year student Toronto University.
- 2 Junior Matriculation students Toronto University.
- 3 " " " " Queen's
- 4 " " " " Victoria

One of these first in first class Honors in Mathematics.  
 16 second class certificates.  
 14 third " "

## PRIMARY ART COURSE.

- 3 Full Certificates.
- 61 Diplomas in Freehand.
- 38 " " " Geometry.
- 5 " " " Perspective.
- 21 " " " Model Drawing.
- 30 " " " Blackboard Drawing.

## THE BUILDING.

The Board of Education, at a cost of nearly \$30,000, have erected one of the finest and most commodious schools in the Province. No expense has been spared in the construction of a building which is first-class in every particular, and which has received the highest possible grading from the Department. The system of heating and ventilation adopted is the Smead-Dowd, considered the most perfect system of the present time. The air in the rooms is completely changed every fifteen minutes. The building is

furnished throughout with the latest and most improved single desk. Separate waiting rooms for the sexes have been provided. These are open to pupils at all hours of the day. A large assembly hall, capable of accommodating from seven hundred to eight hundred persons, is a feature of the building. The hall is used as an assembly room by the school, and also as a public hall for entertainments. The building is lighted by gas.

#### THE EQUIPMENT.

The library is ranked by the Education Department as one of the best school libraries of the Province. The laboratory contains a full supply of Chemical and Scientific apparatus for first class, second class and third class work. The best of maps, charts and globes are being procured.

#### THE SCIENCE ROOM.

A room has been specially fitted and equipped as a science room. Tables of the latest design have been placed in this room. Each student's table is fully supplied with apparatus and chemicals for practical work; water and gas connected with each table, also a sink and waste pipe, so that no student will require to leave his table while experimenting.

#### THE READING ROOM.

The Literary Society has furnished one of the rooms as a reading room. It is supplied with all the leading magazines, the principal educational, scientific and illustrated papers, as well as the local and leading Provincial papers. All pupils upon payment of the membership fee of twenty-five cents have access to this room for a year. It is open from 8:30 a.m. until 5 p.m.

#### THE GYMNASIUM.

The gymnasium has been fully equipped. It is in charge of a competent teacher of gymnastics, and attention is paid to the physical training of all pupils. Drill and gymnastics are taught regularly to the young men of the school, and calisthenics, club swinging, dumb bell exercise, etc., to the young ladies, the assembly room being made use of in this connection as a drill room for the young ladies.

### SCHOOL SOCIETIES AND CLUBS.

The school grounds are large and well kept. Flourishing cricket and football clubs exist in connection with the school. Cricket and football for the boys, and lawn tennis for the young ladies, receive every encouragement from the teachers.

The literary society of the school meets regularly twice a month. The exercises consist of debates, essays, recitations, readings, together with music, both vocal and instrumental. The society expects to have a most successful season during 1890. The assembly hall in the new building, capable of seating nearly eight hundred persons, will be used by the society for its public meetings.

### THE STAFF.

The aim of the Board of Education has been to place the Lindsay Collegiate Institute in the foremost rank in the province. In carrying out that aim they have built and equipped their present building, and have made such changes and additions to the staff that the present staff is composed of specialists in their several departments, all of whom have had many years successful experience as teachers.

### EXAMINATIONS.

Examinations are held weekly, every Monday from 2:30 p.m. to 4 p.m. Promotions are made upon these examinations. A pupil making good marks on four successive examinations is eligible for promotion. The names of pupils successful at these examinations are published in the local papers.

Parents or guardians who desire it will be furnished from time to time reports of the conduct, attendance, and progress of pupils.

### TEXT BOOKS.

#### ENGLISH.

The High School Reader. High School Grammar.  
Earle's Philology of the English tongue.

#### HISTORY AND GEOGRAPHY.

Public School History of England and Canada.  
Green's short History of the English people.

Schmitz's History of Greece and Rome.  
 High School Geography.  
 Pillan's First Steps in Classical Geography.  
 Schmitz's Classical Atlas.

## MATHEMATICS.

Hamblin Smith's Arithmetic.  
 McLellan's Elements of Algebra.  
 McLellan's Advanced Algebra.  
 Todhunter's Advanced Algebra.  
 McKay's Elements of Euclid Books I, II, and III.  
 Todhunter's Euclid.  
 Hamblin Smith's Trigonometry.

## CLASSICS.

Leighton's First Steps in Latin.  
 Bradley's Arnold's Latin Prose.  
 Goodwin's Greek Grammar.  
 Allen and Greenough's Latin Grammar. (Ginn & Co.)  
 " " Cæsar, (or any small edition.)  
 " " Cicero, (13 orations) containing the orations  
 against Catiline and a vocabulary, (or any small edition.)  
 Calvert's edition of the fifth book of Virgil's *Æneid*, with vocabulary.  
 (Macmillan's not Holt's)  
 White's text of Xenophon, Book II.  
 Phillpott's edition of the sixth book of Homer's *Iliad*, with vocabulary.  
 (Rivingtons.)  
 Heslop's edition of Demosthenes, *Philippics*. (Rivington's.)  
 Merry's edition of Homer's *Odyssey* I.—XII. (Macmillan's.)  
 Page's edition of Horace's *Odes* book I., with vocabulary. (Macmillan's)  
 Tatham's edition of Livy XXI to XXIII. (Macmillan's.)  
 Fletcher's Greek Prose Composition. (Procurable from the Registrar  
 of Queen's, Kingston.)

## MODERNS.

Fasquelle's Lessons in French. (Cassells'.)  
 De Fivas' Grammaire des Grammaires.  
 De Fivas' Introductory French Reader.



Aue's German Grammar.

High School German Grammar. (Van der Smissen's.)

High School German Reader.

#### SCIENCE.

High School Physics.

" " Botany. (edition 1888 )

" " Zoology.

" " Chemistry.

#### BOOK-KEEPING AND DRAWING.

High School Book-keeping and Precise Writing.

" " Drawing course five parts.

#### THE SCHOOL TERMS.

The autumn term commences on the last Monday in August, and ends on Dec. 22nd. The winter term commences on Monday, January sixth and ends on the Tuesday before Easter. The spring term commences on the Tuesday after Easter, and ends on the first Friday in July.

New pupils are requested to register themselves on the opening day between the hours of 9 a.m. and 12 a.m. Active work in the different forms will be commenced at 1:30 p.m. on the opening day. Intending pupils are particularly requested to be in their places prepared for work on these days, in order that no delay may take place in going on regularly with the work.

#### NOTICE OF INTENDING PUPILS.

Candidates who intend to attend the Institute for either 1st class, 2nd class or 3rd class work are requested to send their names to the Headmaster so that provision for their work may be made before they put in an appearance.

#### MEDALS AND SCHOLARSHIPS.

1. Free tuition for one year in the Institute will be given to the entrance candidate residing within the town of Lindsay, who obtains the highest number of marks at the Entrance Examination at the Lindsay Collegiate Institute in December 1889.



2. Free tuition for one year will be given to the candidate not a resident of Lindsay, who obtains the highest number of marks at the Lindsay Collegiate Institute, or at any entrance centre in connection with it at the December Entrance Examination, 1889.

3. A gold medal valued at twenty dollars given by Mr. C. F. Taylor, Lindsay, will be awarded in June 1890, to the best pupil in classics.

4. A scholarship of the value of twenty dollars is offered to the student of the school who obtains first-class honors in mathematics at junior matriculation, Toronto University.

5. A prize of five dollars in books given by S. Hughes to the best student in English and History, taking second class or Matriculation work.

6. A prize of five dollars in books given by S. Hughes, to the best student in English and History, taking third class work.

These prizes to be awarded on the essays on Literature and History given in the regular work of the year.

7. A prize in books given by E. A. Hardy, to the best student in French.

8. A prize in books given by E. A. Hardy, to the best student in German.

No honor pupil to be allowed to compete for the French or the German prize.

9. A prize will be given to the student taking the highest marks in an examination on the whole of Leighton's First Steps in Latin. Examination open to third class and junior students.

10. Prize for Calisthenics given by Miss A. E. Marty.

11. Prize for Club Swinging given by Ingle & Ryley.

Prizes and scholarships will be awarded only to pupils taking a full course of study and whose work has been generally satisfactory.

### EXPENSES.

#### FEEES.

All pupils pay tuition fees. The fee for students taking Third Class and Junior work is one dollar per month; for students taking Second Class, University Matriculation and higher work, one dollar and a quarter per month; where two or more from the same family are in attendance a reduction of twenty-five cents will be made to each. These fees are payable to the Headmaster on the first school day of each month.

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**BOARD.**

Good board may be obtained in the Town in respectable families, at prices ranging from \$2.25 to \$3.00 per week. A list of desirable boarding places will be furnished to applicants by the Headmaster.

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The Headmaster will be in the building throughout the school term on Saturdays, from 10 A.M. to 12 M., in order to show the building to any desiring to inspect it, and also for consultation about school work.

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**THE TOWN.**

Lindsay has unsurpassed railway and steamboat accommodation ; is the centre of the Midland division of the Grand Trunk Railway system. The trade is constantly growing, and its population is increasing. It contains the County buildings. The system under which the public schools are managed is the best in the Province. These schools are under the direction of Mr. G. E. Broderick, who is also Principal of the Victoria County Model School. Mr. J. H. Knight, Public School Inspector for South Victoria, resides within the municipality. The churches of the town are very fine structures. The clergymen of the different denominations take an active interest in caring for the welfare of students belonging to their respective churches. Free pews are set apart in the different churches for the exclusive use of pupils.

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**CLASSES FOR 1889-90.**

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**COURSES OF STUDY.**

The programme of studies is arranged with the following objects in view :

1. To give a good English education.
2. To give a good classical education.
3. To prepare for matriculation at the different Universities of Ontario.
4. To prepare for Teachers' Certificates of all grades.

5. To prepare students for Commercial life.
6. To prepare for the preliminary examinations in Law, Medicine and Civil Engineering.
7. To prepare students for entrance to the School of Practical Science or the Royal Military College.

### SUBJECTS OF STUDY OF THE GENERAL COURSE.

The subjects of study taken up in the Collegiate Institute are :

- |                                |   |
|--------------------------------|---|
| 1. Reading.                    | 8. History and Geography.                             |
| 2. Writing.                    | 9. Book-keeping.                                      |
| 3. English Grammar.            | 10. Drawing.  |
| 4. English Literature.         | 11. Algebra.  |
| 5. Composition.                | 12. Drill (for Boys) and Calisthenics<br>(for Girls). |
| 6. Orthography and Orthoepy.   |   |
| 7. Arithmetic and Mensuration. |   |

With one of the subjects, Latin, French, German, Physics and Botany.

## Public School Teachers' Non-Professional Course.

### THIRD CLASS.

Candidates for a Third Class Non-Professional Teacher's Certificate will be examined in the following subjects :— Oral Reading, English Grammar, English Composition and Prose Literature, English Poetical Literature, History and Geography; Arithmetic, Mensuration, and Commercial Transactions; Algebra, Book-keeping, and Drawing, with Latin, or French, or German, or Physics and Botany.

1. English Grammar.—Etymology and Syntax; exercises.
2. English Composition and Prose Literature.—The framing of sentences and paragraphs; paraphrasing of prose; expansion and contraction of prose passages; synonyms; correction of errors; the elements and qualities of style; rhetorical analysis of the prescribed prose literature; themes on familiar subjects and the prescribed texts; familiar and business letters. Selections for July, 1890, High School Reader, Nos. 6, 30, 61, 65, 68, 85 and 93.



3. English Poetical Literature.—The critical reading of the prescribed texts, with a view solely to proper understanding and appreciation; the biography of the authors and the history of the periods in which they lived, so far as the biography or the history affects the meaning or the form of the prescribed texts; memorization of the finest passages; oral reading of the texts. Selections for July, 1890, High School Reader, Nos. 3, 5, 7, 28, 31, 36, 37, 38, 46, 51, 64, 67, 69, 101. Each paper on Poetical and on Prose Literature shall contain, in addition to questions on passages from works prescribed, questions on passages from works not prescribed, but similar in style and of equal difficulty.

4. History and Geography.—The leading events of Canadian and English History—the nineteenth century more particularly. Commercial, physical, and mathematical Geography. Canada and the British Empire more particularly.

5. Arithmetic and Elementary Mensuration.—Arithmetic in theory and practice; special attention to commercial problems; areas of rectilinear figures, and volumes of right parallelepipeds and prisms; the circle, sphere, cylinder, and cone. The arithmetic papers shall consist of three sections, containing respectively, questions to test the candidate's accuracy, his mental training, and his knowledge of commercial transactions; it shall contain commercial problems heretofore contained in the papers on book-keeping; and either arithmetical or algebraic solutions will be accepted.

6. Algebra.—Elementary rules; factoring; greatest common measure; least common multiple; fractions; simple equations of one unknown quantity; simple problems. The value of the questions in pure and applied algebra shall be about equal.

7. Physics.—Sensations and things; causes and effects; absence of chance in the order of nature; matter; the molecule; constitution of matter; physical and chemical changes; force; three states of matter; phenomena of attraction, cohesion, adhesion, etc. Heat; diffusion; temperature; thermometers; effects of heat; fusion; ebullition and evaporation; latent heat; conversion of heat into potential energy and vice versa; radiant heat. Current electricity; batteries; effects produced by electricity; electrical measurements; magnetism; induction; electrical machines; applications of electricity. Sound; waves; echoes; difference between noise and music; pitch; loudness; quality. Light; refraction, reflection, and dispersion; mirrors, lenses, etc.

8. Botany—The practical study of representatives of the following natural orders of flowering plants; Ranunculaceae, Cruciferae, Malvaceae, Leguminosae, Rosaceae, Sapindaceae, Umbelliferae, Compositae, Labiatae, Cupuliferae, Araceae, Liliaceae, Iridiceae, Coniferae, and Gramineae (types contained in text-book). A knowledge of structure obtained with the use of the microscope. Attention to drawing and description of plants supplied, and to the classification of these. Comparison of different organs, morphology of root, stem, leaves and hairs, parts of the flowers, reproduction of flowering plants, pollination, fertilisation, and the nature of fruits and seeds. Plants for description and identification will be submitted to candidates.

Each candidate at the different examinations is required to have a drawing pencil, a hand-lens, and a sharp knife.

9. Latin.—The Elementary Latin Book, grammar, composition, and the prescribed texts. Texts for 1890. *Cæsar—Bellum Britannicum*.

10. French.—The Elementary French Book, grammar, composition, conversation, dictation, and the prescribed texts. Texts for 1890. *De Fivas' Introductory French Reader*.

11. German.—The Elementary German Book, grammar, composition, conversation, dictation, and the prescribed texts. Texts for 1890 *High School German Reader (Grimm, Kinder-und-Haus-Märchen)*.

12. Each paper on the Latin, French, and German authors shall contain, in addition to questions on passages from the prescribed texts, questions on passages from works not prescribed, but similar in style and of equal difficulty; the meaning shall be given of words not likely to have been met with by the candidates, and the examinations in the "Sight work" shall determine, not whether the candidate has read more than the prescribed texts, but whether he is familiar with the idioms and constructions met with in the prescribed course.

13. In addition every third class candidate shall transmit through the Headmaster to the Public School Inspector on or before June 1st, a set of books to consist of Day-book, Journal, Ledger, Bills Receivable, and Bills Payable. Also a set of Drawing Books which must cover the five departments, Practical Geometry, Perspective, Freehand, Object Drawing and Industrial Design. The marks assigned to book-keeping shall be awarded for writing, neatness and accuracy as the result of the examination of the books submitted. The marks assigned in Drawing shall be awarded as the result of the examination of the candidate's drawing book. A certificate from the Provincial Art School will be accepted instead of the set of drawing books.



The book-keeping books and drawing books must have the certification of the Headmaster, that they are the work of the candidates who submit them. Also a certificate signed by the Headmaster and the Teacher of the subject that the candidate has completed satisfactorily the Commercial Course, i.e. Writing ; Precis Writing and Indexing ; Book-keeping, single and double entry ; Commercial Forms : General Business transactions ; and the Drawing course (five departments) mentioned above.

### SECOND CLASS.

Candidates for a Second Class Non-Professional Teacher's Certificate will be examined in the following subjects, viz. :—English Grammar, English Composition and Prose Literature, English Poetical Literature, History and Geography, Arithmetic, Algebra, Geometry, and Chemistry, with Latin, or French, or German, or Physics and Botany. Only those candidates who have passed the Third Class Non-Professional Examination, or those who have made the aggregate marks required but who have failed in one or more subjects, will be eligible to write for Second Class.

1. English Grammar.—Third Class course continued.

2. English Composition and Prose Literature.—Third Class course continued, and including rhetorical analysis of, and themes based upon, the prescribed texts. Texts for 1890. Addison—<sup>3</sup>Selections from the essays Spectator, Nos. 21, 23, 26, 47, 50, 69, 93, 115, 159, 162, 169, 195, 225, 381, 387, 458, 483, 574, 583, 598.

3. English Poetical Literature.—Third Class Course continued, and including the critical study of the prescribed texts. Texts for 1890. Byron, Prisoner of Chillon, and Childe Harold's Pilgrimage from Stanza 73 of Canto II, to stanza 51 of Canto III, inclusive.

4. History and Geography—English History (including Colonial History), from William III. to George III, inclusive ; Roman, from the commencement of the Punic War to the death of Augustus ; Greek, from the Persian to the Peloponnesian Wars—both inclusive ; Geography—Modern, North America and Europe ; Physical ; Ancient, Greece, Italy, and Asia Minor.

5. Arithmetic.—General.

6. Algebra—Third Class Course continued ; Square Root ; Cube Root ; Ratio, Indices ; Surds ; Simple Equations of one, two and three unknown quantities ; Quadratic Equations.

7. Geometry.—Euclid, books I., II., III. ; easy deductions.

8. Physics—Definitions of velocity, acceleration, mass, momentum, force, moment, couple, energy, work, centre of inertia, statement of Newton's Laws of Motion, composition and resolution of forces, condition for equilibrium of forces on one plane. Definition of a fluid, fluid pressure at a point, transmission of fluid pressure, resultant fluid pressure, specific gravity, Boyle's Law, the barometer, air pump, water pump, siphon.

9. Chemistry—Definition of the object of the Science, relations of the Physical Sciences to Biology, and of Chemistry to Physics. Chemical change, elementary composition of matter. Laws of combination of the elements, atomic theory, molecules, Avogadro's Law. The determination of atomic weight, specific heat, atomic heat, nomenclature, classification. The preparation, characteristic properties, and principal compounds of the following elements: Hydrogen, Chlorine, Bromine, Iodine, Oxygen, Sulphur, Nitrogen, Phosphorus, Carbon, Silicon.

10. Botany—The Third Class Course continued, with, in addition, the practical study of the other flowering plants of the locality in which the High School is situated; also the practical study of representatives of the chief subdivisions of cryptogams, such as a fern, a lycopod, a horse-tail, a liverwort, a moss, a lichen, a mushroom, and a chara (types contained in text-book). Plants for description and identification will be submitted to candidates.

11. Latin.—Grammar, Composition, and the prescribed texts. Texts for 1890. Cicero, *In Catilinam* II. Virgil, *Æneid*, V. Cæsar, *Bellum Britannicum*.

12. French.—Grammar, Composition, and the prescribed texts. Texts for 1890. Souvestre, *Un Philosophe sous les Toits*.

13. German.—Grammar, Composition, and the prescribed texts. Texts for 1890. Hauff, *Das Kalte Hertz*. Schiller, *Der Gang nach dem Eisenhammer*.

#### FIRST CLASS—GRADE C.

Candidates for a First Class Non-Professional Certificate, Grade C., will be examined in the following subjects, viz.:—English Grammar and Philology, English Composition and Prose Literature, English Poetical Literature, History and Geography, Algebra, Geometry, and Trigonometry, with Greek and Latin, or French and German, or Chemistry, Botany and Zoology. The whole course prescribed for Grade C shall be taken at one examination

1. English Grammar and Philology.—Etymology and syntax ; the sounds and alphabet ; outlines of historical grammar ; Sections I, and 193 to 613, inclusive, of Earle's Philology of the English Tongue, omitting such details as are unimportant at this stage of the pupil's knowledge ; exercises.

2. English Composition and Prose Literature.—The Second Class course continued ; the same prose selections.

3. English Poetical Literature.—The Second Class course continued, and including the critical study of the prescribed texts. Texts for 1890, Shakespeare's—Coriolanus.

4. History and Geography.—English History under the Houses of Tudor and Stuart. Geography—The British Empire, including the Colonies.

5. Algebra.—To the end of the Binomial Theorem.

6. Geometry.—Euclid, books I. to IV., inclusive, book VI., and definitions of book V.

7. Trigonometry.—The solution of triangles.

8. Chemistry.—The practical study of the following elements with their most characteristic compounds, in illustration of the outlines of Mendelejeff's classification of the elements : Hydrogen ; Sodium ; Potassium ; Magnesium, Zinc ; Calcium ; Strontium, Barium ; Borax, Aluminium ; Carbon, Silicon, Tin, Lead ; Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth ; Oxygen, Sulphur ; Fluorine, Chlorine, Bromine, Iodine ; Manganese, Iron, Gold, Platinum.

9. Botany.—The Second Class course continued, and including a more detailed examination of structure by means of the compound microscope. Zoology. The practical study of the subject as defined in The High School Zoology.

10. Greek.—Grammar, Composition, and the prescribed texts. Texts for 1890. Demosthenes—Philippics I. II. Homer—Odyssey VII.

11. Latin.—Grammar, Composition, and the prescribed texts. Texts for 1890. Horace—Odes I. Livy, XXIII.

12. French.—Grammar, Composition, and the prescribed texts. Texts for 1890. Scribe—Bertrand et Raton.

13. German.—Grammar, Composition, and the prescribed texts. Texts for 1890. Schiller—Das Lied von der Glocke, and Hero und Leander. Egmont's Leben und Tod.



NUMBER OF PAPERS AT THE DEPARTMENTAL HIGH SCHOOL  
EXAMINATIONS.

THIRD CLASS EXAMINATION.

		Value.
English Grammar .....	One paper.	150
Composition and Prose Literature.	"	200
Poetical Literature .....	"	150
History and Geography .....	"	150
Arithmetic, Mensuration, and Com- mercial Transactions .....	"	200
Algebra .....	"	150
Physics .....	"	100
Botany .....	"	100
Latin .....	{ Two papers—one on Authors and one on Composition and Grammar.	200
French .....	" " "	200
German .....	" " "	200
Oral Reading, Drawing Books, and Book-keeping Books, 50 marks each.		

SECOND CLASS EXAMINATION.

		Value.
English Grammar .....	One paper.	150
English Composition and Prose Literature .....	"	200
Poetical Literature .....	"	150
History and Geography .....	"	150
Arithmetic .....	"	200
Algebra .....	"	150
Geometry .....	"	150
Chemistry .....	"	100
Physics .....	"	100
Botany .....	"	100
Latin .....	{ Two papers—one on Authors and one on Composition and Grammar.	200
French .....	" " "	200
German .....	" " "	200

## FIRST CLASS GRADE C.

		Value.	
English Grammar and Philology.	One paper.	150	
English Composition and Prose	}	200	
Literature .....			
Poetical Literature .....	"	150	
History and Geography .....	"	150	
Algebra .....	"	150	
Geometry .....	"	150	
Trigonometry .....	"	100	
Chemistry .....	}	400	
Botany .....			
Zoology .....			
Greek .....	} One paper on Authors.	400	
Latin .....			Two papers—one on Authors and one on Composition.
Latin and Greek .....			One paper on Greek and Latin Grammar.
French .....	} Two papers—one on Authors and one on Composition and Grammar	400	
German .....			" " "

One mark for every mis-spelled word shall be deducted from the marks obtained in every subject of examination. One mark shall also be deducted for each instance of bad English.

Any candidate who obtains one-third of the marks in each subject, and one-half of the aggregate marks obtainable, shall be entitled to the certificate for which he has been examined.

## JUNIOR MATRICULATION.

The same as second class from Nos. 1-7 and 11, 12 and 13 or 1-7 and 11 and Greek, or second class Nos. 1 to 7 and 11 and Greek. Greek texts for 1890: Xenophon, Anabasis II; Homer, Iliad VI. See pages 13 and 14.

## SENIOR MATRICULATION.

Same as first class C. Nos. 1 to 7 with 10 and 11, or Nos. 1 to 7 with 11, 12 and 13. See page 15



**ENTRANCE EXAMINATION.**

Entrance examinations in connection with the Lindsay Collegiate Institute will be held in the Lindsay Collegiate Institute, also in the Public Schools at Oakwood, Fenelon Falls and Kirkfield.

**THE PROGRAMME.**

First day.—Grammar, Geography, History.

Second day.—Arithmetic, Drawing, Composition, Dictation.

Third day.—Literature, Writing, Temperance and Hygiene, or Agriculture.

Reading to be taken on the above days at such hours as may suit the convenience of the Examiners.

NOTE.—See pages 7 and 8 for entrance scholarship.

All candidates who pass this examination are eligible for admission to the Institute.

The next Entrance Examination to High Schools and Collegiate Institutes will be held on December 18th, 19th, and 20th.

The following is the limit of studies in the various subjects :—

Reading.—A general knowledge of the elements of vocal expression, with special reference to emphasis, inflexion, and pause. The reading, with proper expression, of any selection in the Reader authorized for Fourth Book classes. The pupil should be taught to read intelligently as well as intelligibly.

Literature.—The pupil should be taught to give for words or phrases, meanings which may be substituted therefor without impairing the sense of the passage; to illustrate and show the appropriateness of important words or phrases; to distinguish between synonyms in common use; to paraphrase difficult passages so as to show the meaning clearly; to show the connection of the thoughts in any selected passage; to explain allusions; to write explanatory or descriptive notes on proper or other names; to show that he has studied the lessons thoughtfully, by being able to give an intelligent opinion on any subject treated of therein that comes within the range of his experience or comprehension; and especially to show that he has entered into the spirit of the passage by being able to read it with proper expression. He should be required to memorize passages of special beauty from the selections prescribed and to reproduce in his own words

the substance of any of these selections, or of any part thereof. He should also obtain some knowledge of the authors from whose works these selections have been made.

Examination papers will be set in Literature on passages from the following lessons in the authorized Fourth Reader :—

DECEMBER, 1889.

Clouds, Rains and Rivers ; The Death of the Flowers ; Flow Gently, Sweet Afton ; Resignation ; Lead, Kindly Light ; Dora ; The Heroes of the Long Sault ; Lochinvar ; A Christmas Carol ; The Heritage ; Song of the River ; Landing of the Pilgrims ; Edinburgh after Flodden ; National Morality ; The Forsaken Merman.

JULY, 1890.

The Vision of Mirza—First Reading ; The Vision of Mirza—Second Reading ; To Mary in Heaven ; Flow Gently, Sweet Afton ; The Bell of Atri ; Ring out, Wild Bells ; Lead, Kindly Light ; The Heroes of the Long Sault ; Lochinvar ; A Christmas Carol ; The Heritage ; Song of the River ; The Ocean ; The Song of the Shirt ; The Demon of the Deep ; Edinburgh after Flodden ; Canada and the United States ; The Forsaken Merman.

At each examination candidates should be able to quote any part of the selections especially prescribed for memorization as well as passages of special beauty from the prescribed literature selections. They will be expected to have memorized all of the following selections :—

The Short Extracts, (List given on page 8) ; I'll Find a Way or Make It ; The Bells of Shandon ; To Mary in Heaven ; Ring out, Wild Bells ; Lady Clare ; Lead, Kindly Light ; Before Sedan ; The Three Fishers ; Riding Together ; Edinburgh after Flodden ; The Forsaken Merman.

Orthography and Orthoëpy.—The pronunciation, the syllabication, and the spelling from dictation, of words in common use. The correction of words improperly spelt or pronounced. The distinctions between words in common use in regard to spelling, pronunciation, and meaning.

There will be no formal paper in Orthoëpy, but the Examiner in oral Reading is instructed to consider the pronunciation of the candidates in awarding their standing.

Geography.—The form and motions of the earth. The chief definitions as contained in the authorized text-book : divisions of the land and the

water; circles on the globe; political divisions; natural phenomena. Maps of America, Europe, Asia, and Africa. Maps of Canada and Ontario, including the railway systems. The products and commercial relations of Canada.

Grammar.—The sentence: its different forms. Words: their chief classes and inflections. Different Grammatical values of the same word. The meanings of the chief grammatical terms. The grammatical values of phrases and of clauses. The nature of the clauses in easy compound and complex sentences. The government, the agreement, and the arrangement of words. The correction, with reasons therefor, of wrong forms of words and of false syntax. The parsing of easy sentences. The analysis of simple sentences.

Composition.—The nature and the construction of different kinds of sentences. The combination of separate statements into sentences. The nature and the construction of paragraphs. The combination of separate statements into paragraphs. Variety of expression, with the following classes of exercises:—Changing the voice, (or, conjugation) of the verb; expanding a word or phrase into a clause; contracting a clause into a word or phrase; changing from direct into indirect narration, or the converse; transposition; changing the form of a sentence; expansion of given heads or hints into a composition; the contraction of passages; paraphrasing prose. The elements of punctuation. Short narratives or descriptions. Familiar letters.

History.—Outlines of English history; the outlines of Canadian history generally, with particular attention to the events subsequent to 1841. The municipal institutions of Ontario, and the Federal form of the Dominion Government.

Arithmetic.—Numeration and notation; the elementary rules; greatest common measure and least common multiple; reduction; the compound rules; vulgar and decimal fractions; elementary percentage and interest.

Writing.—The proper formation of the small and the capital letters. The pupil will be expected to write neatly and legibly.

Drawing.—Drawing book, No. 5, of the Drawing course for Public schools. Pupils may present their school work in Drawing in any blank exercise book, so long as it covers the prescribed course, and no discrimination will be made in favor of work contained in the authorized drawing book.

Agriculture and Temperance.—Papers will be set in these as optional bonus subjects. A candidate may choose which of them he will take, but it is not compulsory to take either, and he cannot take both. Marks not exceeding 75 may be added for the subject chosen. (Reg. 38).





