

SYLLABUS OF EXAMINATION, AGREEABLY TO WHICH
THE EXAMINATIONS OF 1885 ARE TO BE
CONDUCTED.

REQUIREMENTS COMMON TO ALL GRADES.

NOTE.—Questions on these subjects will be carefully adapted, as respects scope and difficulty, to the Grade of License sought.

1. The School System and School Management. (One paper.)

(a) To be familiar with the law relating to Public Schools in Nova Scotia, and the Regulations of the Council of Public Instruction,—particularly those portions bearing on the relations and duties of teachers.

(b) To evince a knowledge of School Organization under the Provincial Law and Regulations, the grading of pupils, the systematic arrangement of studies, the design and proper methods of discipline, and the conditions of physical comfort in school-room work.

2. TEACHING. To furnish, in the form of answers to questions and notes on suggested subjects of instruction, proof of competent knowledge of the correct methods of teaching.

3. READING AND SPELLING.

(a) To read with readiness, correct pronunciation, and due regard to elocutionary emphasis and pauses.

(b) To spell correctly the words made use of.

3. WRITING. To write a fair, legible hand.

GRADE D.

I. LANGUAGE.

English Grammar. (One paper.) 1. *Lessons on Language* in prescribed text-book. 2. The leading principles of etymology and syntax. 3. Analysis of simple sentences.

Composition. (One paper.) 1. Sentence-building, and correction of sentences involving the wrong use of words. 2. Constructing a simple narrative from furnished notes, or writing a brief essay on a prescribed topic of familiar character. 3. To show a knowledge of the proper use of capitals, and the elementary principles of punctuation.

II. HISTORY AND GEOGRAPHY.

History. (One paper.) 1. *Outlines of British History.* (See *Editorial page.*) 2. The leading events of Nova Scotian history as contained in Calkin's *History of British America.*

Geography. (One paper.) 1. Calkin's *Introductory Geography.* 2. To give the boundaries and the population of the Counties of Nova Scotia. 3. To draw an outline map of any of the Maritime Provinces, or of any part of them, as may be required.

III. MATHEMATICS.

Arithmetic. To have a knowledge of Kirkland and Scott's *Elementary Arithmetic.*

Algebra. To understand Todhunter's *Algebra for Beginners* to the end of Fractions.

GRADE C.

I. LANGUAGE.

Grammar and Analysis. (Two papers.) Prescribed text-book, except *Notes and Appendix.*

Composition and Prosody. (One paper.) Dalgleish's *Introductory Text Book.* (Subsequent editions will contain *Figures of Language and Prosody.*)

II. HISTORY AND GEOGRAPHY.

History. (Two papers.) 2. *Outlines of British History.* (See *Editorial page.*) 2. Calkin's *History of British America.*

Geography. (Two papers.) 1. Calkin's *Geography of the World* (including use of Terrestrial Globe.) 2. Furnishing from memory an outline map of any Province of the Dominion, or of either Europe or North America. (Location of chief mountain ranges, rivers, and cities may be asked for.)

III. MATHEMATICS.

Arithmetic. To have such a knowledge of Arithmetic as may be gained from Hamblin Smith's *Arithmetic*, excepting sections 14, 22, 29, 32, 33.

Algebra. To have a knowledge of Algebra as contained in Todhunter's *Algebra for Beginners* to the end of Simple Equations.

Geometry. To be able to solve any problem in the First Book of Euclid's *Elements* and original exercises corresponding thereto.

Book-keeping. To be familiar with the principles of Book-keeping by single entry, as given in Eaton and Frazee's *Elementary Treatise.*

French. Candidates may substitute for Book-keeping an exercise in French. The *French Principia*, Part I., will give an idea of the amount of knowledge required to answer questions set.

GRADE B.

I. LANGUAGE.

Grammar and Analysis. (Two papers.) Prescribed text-book, including *Notes and Appendix.*

Composition and Prosody. (One paper.) Dalgleish's *Advanced Text Book on English Composition.*

II. HISTORY AND GEOGRAPHY.

History. (Three papers.) 1. *Outlines of British History.* (See *Editorial page.*) 2. Calkin's *History of British America.* 3. Swinton's *Outlines of the World's History.*

Geography. (Two papers.) 1. Calkin's *Geography of the World*, with particular attention to Astronomical and Physical Geography. 2. To draw from memory an outline map of any of the Continents, or of the Dominion of Canada, or any of the five Eastern Provinces thereof, or of the British Islands, or any one thereof, with the chief rivers and mountain ranges clearly marked.

III. MATHEMATICS.

Arithmetic. To have such knowledge of Arithmetic as may be gained from Hamblin Smith's *Arithmetic*, and to state reasons for Arithmetical rules and processes.

Algebra. To have a knowledge of Algebra as contained in Todhunter's *Algebra for Beginners.*

Geometry. To be familiar with the first four books of Euclid's *Elements*, and to work original exercises of corresponding character.

Practical Mathematics. To have a knowledge of contents of Eaton's *Elementary Practical Mathematics.*

Chemistry. 1. Roscoe's *Science Primer.* 2. Tanner's *First Principles of Agriculture.*

Physics. Balfour Stewart (*Science Primer.*)

French. Candidates may substitute for either Chemistry or Physics, a paper in French. The *French Principia*, Part I. and II., will give an idea of the grammatical knowledge required to answer questions set. Extracts for transaction from French into English will be from Moliere's *Le Bourgeois Gentilhomme.*

Book-keeping. To understand the principles of Book-keeping by single and double entry, as contained in Eaton and Frazee's *Elementary Book-keeping.*

Physiology. To be familiar with the Prescribed Primer of Physiology.

GRADE A.

Candidates for License of this Grade will work all the papers of the B Grade, with the exception of Algebra, Geometry and Chemistry; and in working the B papers will be expected to show a proportionate advance in the character of the answers.

ADDITIONAL.

I. CLASSICS.

To know well the Grammars, and to be able to translate passages selected from the following authors, answering at the same time questions in parsing which may be set:

Latin. Cæsar, De Bell. Gallic. I. II. Horace, Odes, Book I. Virgil, *Æneid*, Book I. and II. Cicero, De Senectute and Pro Archia Poeta.

Greek. Xenophon—Anabasis, Books I. II. Homer, *Iliad*, Books I. III. *Æschylus*, *Prometheus Vincit.*

2. To be well versed in Latin and Greek Prosody, and to scan any passage in Virgil, Horace, Homer, or in the regular dialogue of *Æschylus.*

3. To be versed in Greek Prose Composition.

4. To have a good knowledge of Grecian and Roman History and of ancient Mediterranean Geography.

II. MATHEMATICS AND SCIENCE.

Geometry. Plane and Solid Geometry, as in Hamblin Smith's *Treatise.*

Algebra. To have a knowledge of Algebra, including theory of equations, as contained in Todhunter's *Advanced Algebra*, or equivalent treatises.

Chemistry. Wilson's *Inorganic Chemistry.*

Natural Philosophy. Wormell's *Natural Philosophy.*

Candidates for Grade A license will not write the B papers on Geometry, Algebra and Chemistry, as the A papers will cover the whole ground of the respective subjects.