

students should secure one or both of these excellent series of note-books, to be fully equipped for the study of this subject when it is begun in early spring. Part I contains schedules for the descriptions of plants, and drawings, with practical exercises designed to train the eye and judgment of the observer. Part second contains, in addition to the matter of part first, a brief account of minute structure, some practical hints for carrying on microscopic work, descriptions of certain types of cryptogamous plants,—valuable additions, because they are of great assistance to students in taking up the minute structure of plants.

MILTON'S PARADISE LOST, Book IV, edited with introduction and notes by M. Macmillan, B. A. (Oxon.), Professor of English Literature, Elphinstone College, Bombay. Pages 89; price 1s.3d. Publishers, Macmillan & Co., London and New York. This book has been prepared for class-work, but all readers will be interested in what is perhaps the most interesting portion of the Paradise Lost—the description of the garden of Eden and what took place therein. The introduction contains an excellent account of the life of Milton, with a critical estimate of his works. The notes, too, have a fine literary flavor from the number of parallelisms, suggested by passages in the text.

THE HISTORY OF MANKIND, published in parts (one shilling each), by Macmillan & Co., London and New York, promises to be a work of great interest. Parts I-IV have been published. The work is admirably illustrated.

## N. B. EDUCATION DEPARTMENT.

### Official Notices.

#### ADVANCE OF CLASS.

1. Teachers who hold certificates of having passed the preliminary examination for the class desired (and only such) may be admitted to the Normal School at the beginning of the second term in January; and to the closing examinations for license in June following.
2. Holders of third class licenses who have spent only one term at the Normal School are required to spend an additional winter term at the Normal School before they can be admitted to the closing examinations for advance of class.
3. Holders of second class licenses who have passed the preliminary examination for first class, may be exempted from attending an additional winter term at the Normal School from the special conditions as to professional classification and certificates of superior scholarship, or of having taught two full years, as required by Reg. 31, 5 (a) (b).

#### DEPARTMENTAL EXAMINATIONS, JULY 1896.

The usual Normal School entrance, Junior leaving examinations, and Junior matriculation examinations, will be held in July, 1896, in accordance with the provisions of Reg. 31, 3 (1), and Reg. 45 of School Manual.

1. **NORMAL SCHOOL ENTRANCE**—All candidates for admission to the Normal School in September, 1896, and all holders of second or third class licenses who propose to enter the Normal School in January, 1897, or to become eligible for examination for advance of class in June, 1897, are required to pass the preliminary examinations in July, 1896. (See School Manual, Reg. 31, 3, and Reg. 38, 6.)

2. **JUNIOR LEAVING EXAMINATIONS**—This examination will be based upon the requirements of the course of study for grammar and high schools as given in the syllabus for Grades IX and X, and will include the following subjects: English Grammar and Analysis; English Composition and Literature; Arithmetic and Book-keeping; Algebra; Geometry; History and Geography; Botany and Physics; and either Latin or French, or Chemistry, or Physiology and Hygiene. (Eight papers in all.)

The pupils of any school in the province are eligible for admission to this examination upon giving notice on or before the 24th of May to the inspector within whose inspectorate he wishes to be examined, and enclosing an examination fee of two dollars. (See Manual, Reg. 45, 14). Diplomas are granted to successful candidates.

3. **JUNIOR MATRICULATION EXAMINATION**—This examination will be based on the requirements for matriculation in the University of New Brunswick as laid down in the university calendar (candidates will receive a calendar upon application to the chancellor of the university or to the education office). Any high or grammar school pupil who has

completed Grade XI of the high school course should be prepared for matriculation.

**NOTE.** Elementary Chemistry as in Williams' Introduction to Chemical Science (Chapters I to XXX inclusive) is now required of all candidates for matriculation.

In cases in which the language studies of the high school course are different from the language studies as indicated in the university calendar, candidates may take either course by giving notice at the time of making application for examination. (See Manual, Reg. 45, 14.)

4. The English literature for the closing examinations for license in June, 1896, and for the junior leaving examination, will be Shakespeare's Julius Caesar and Scott's Lady of the Lake.

Examination Questions for 1896, Courses of Study, and university calendar, will be sent, on application, to any teacher or intending candidate.

The Syllabus of Normal School entrance and Normal School closing examinations as given in Regulation 32 School Manual has been revised to read as follows:

#### SYLLABUS OF EXAMINATIONS.

REGULATION 32—(1) Normal School Entrance Examinations; and Preliminary Examinations for Advance of Class.

These shall include the following subjects for all classes, viz.: Reading, Spelling, Writing, English Grammar and Composition, Geography, History, Arithmetic, and Elementary Natural Science. Candidates for the first class will also be required to pass examination on the First and Second Books of Geometry with exercises, and on Algebra to the end of Simple Equations. Candidates for the second class will be required to pass examinations on the First Book of Geometry with exercises, and on Algebra, including the Elementary Rules and Simple Equations of one unknown quantity.

**REMARK.**—The examination papers on the above subjects will be graded as to extent and difficulty according to the class of license applied for by the candidates respectively. For example, candidates for the third class will be examined on the Outlines of Canadian and British History, the General Geography of North America and Europe, with the Geography of New Brunswick in detail (including the drawing from memory of an outline map of the province), the Elementary Arithmetic as prescribed, and the Nature Lessons as indicated in Course of Study Grades I to VI.

Candidates for the second class will be required to show a more extensive knowledge of Grammar, History and Geography (particularly of the several provinces of the Dominion of Canada), advanced Arithmetic to the end of Compound Interest, the keeping of Accounts by Single Entry, and Natural Science as in Course of Study, Grades I to VII.

Candidates for first class will be required to have an intelligent acquaintance with Prescribed Text Books, except that on General History, and as limited by the above Regulation in regard to Geometry and Algebra.

#### 2—CLOSING EXAMINATIONS.

The following shall be required of all candidates:

1. **THE SCHOOL SYSTEM.**—To be familiar with the leading principles of the School Law of New Brunswick and the Regulations of the Board of Education.
2. **SCHOOL MANAGEMENT.**—To have a knowledge of school organization, as applied under the law of New Brunswick, the classification of pupils, the arrangement of studies, the object and means of discipline, the necessity and means of adequate ventilation of school-rooms and suitable means of securing the comfort of pupils.
3. **TEACHING.**—To have a knowledge of Method, and to be able to exemplify the same by notes of lessons on any given subject of instruction.
4. **INDUSTRIAL DRAWING.**—To show a practical acquaintance with the Manual and Drawing Books prescribed by the Board, and to sketch familiar objects exhibited as models at the time of examination.
5. **READING AND ELOCUTION.**—To read both prose and verse so as to give a correct and effective expression of the thoughts and sentiments of the passages selected, and to be familiar with the principles and rules of Vocal Expression as contained in the prescribed Manual.
6. **DOMESTIC ECONOMY.**—As contained in the prescribed Text-Book. [For female candidates only.]

**Remark.**—The questions set in the foregoing subjects will be graded according to the class of license applied for.

#### ADDITIONAL REQUIREMENTS FOR THE SEVERAL CLASSES.

##### CLASS III.

**English Language.**—Grammar, Analysis and Composition, as in Meiklejohn's Short Grammar.  
**Arithmetic.**—The Elementary Arithmetic, prescribed.  
**Hygiene and Temperance.**—Health Reader, No. 2.

##### CLASS II.

**English Language.**—Grammar and Analysis, Meiklejohn's English Language, Part I.  
**English Literature and Composition.**—Poetry of Readers V and VI, and Meiklejohn's English Language, Part II.  
**Mathematics:**  
**Geometry.**—Books I and II, with exercises. H. Smith's Geometry.  
**Algebra.**—Prescribed Text Book, to the end of Simple Equations.  
**Book-keeping and Arithmetic.**—Single Entry and Commercial Rules.  
**Natural Science:**  
**Botany and Physics.**—Plant Analysis, Plant Growth and Assimilation, Characteristics of the Buttercup, Cress, Pulse, Rose, Aster, Buckwheat, Pine, Lily and Grass families. Physic are required by the course of study for first eight grades.  
**Chemistry and Agriculture.**—Williams' Introduction to Chemical Science, Chapter I to XX. Tanners' Agriculture, or an equivalent  
**Physiology and Hygiene.**—Chapters I-IX of Blaisdell's "Our Bodies and How we Live."