Algebra, inclusive of Surds, Quadratic Equations and Progressions.

Plane Trigonometry, including the measurement of Heights and Distances, with the nature and use of Logarithms.

—200 marks.

(In the last subject, Candidates are referred to Galbraith and Haughton's Trigonometry, or similar text-books.)

(c) Logic and English.

Logic, as in Jevons, Elementary Lessons.

Anglo-Saxon, as in Earle's Manual.

Philology, as in the introduction to Earle's Philology.

English History, as in Collier.

—200 marks.

II. OPTIONAL.

In addition to the above, Candidates must pass in at least one, and not more than three, of the following subjects, creditable answering in which will be mentioned in their certificates :

(a) Chemistry.

Inorganic, as in Roscoe, with some knowledge of Chemical Manipulation.

(b) Botany.

As in Gray's Text-book, with some knowledge of Canadian Botany.

(c) Mathematical Physics.

Mechanics (Statics and Dynamics) ; Hydrostatics.

(Candidates are referred to Galbraith and Haughton's Mechanics and Hydrostatics, Hamblin Smith's Statics and Hydrostatics, or similar Text-books.)

(d) Experimental Physics.

Any two of the following :—Heat, Light, Electricity and Magnetism, Sound.

(Candidates will be expected to shew in the Examinations that they have made the experiments themselves or have seen them made. For range of study, Candidates are referred to Ganot's Elementary Treatise on Physics, translated by Atkinson.)

(e) Biology and Geology.

Classification of Animals and Plants, as in Dawson's Handbook and Gray's Text-book.

Geology, as in Dana's Manual.

Palæontology, as in Nicholson's Manual.

A practical knowledge of Minerals. Rocks and Fossils will be expected.

(f) Mental Philosophy.

Thomson's Outlines of the Laws of Thought.

Murray's Outline of Hamilton's Philosophy, Introduction and Part I. to the end of Chapter V.