

Second Year—MATHEMATICS.

Plane and Spherical Trigonometry (Snowball). Conic Sections, (Whewell). Analytical Geometry (Hann's in Weale's Series).

Collateral subjects:—Exercises. Plane and Geodetical Surveying, with the use of Surveying and Astronomical instruments.

Additional for Honours—all the Mathematics of the previous course.

Summer Work for third Matriculation Examination—Mensuration (Weale's Series pp. 19–66). Hydrostatics (Galbraith and Haughton, chaps. I–II).

A Prize will be awarded for the best solutions of the problems in Snowball (ed. 1863), p. 149, § XIX. 1–12, inclusive and p. 158, § XXIV. 1–9, inclusive, given in by the 15th October.

Third Year—NATURAL PHILOSOPHY.

Mechanics (Galbraith and Haughton's). Hydrostatics (do). Draper's Natural Philosophy. Analytical Geometry and Differential Calculus one day in the week (Ritchie, Hall). Collateral subjects:—Problems in Mechanics and Hydrostatics.

Additional for Honours—Earnshaw's Statics, chap. III.

Summer work for fourth Matriculation Examination—Optics (Dupuis), pp. 9–30.

Fourth Year—NATURAL PHILOSOPHY.

Lectures. Astronomy (Galbraith and Haughton's). Integral Calculus one day in the week. Collateral subjects. Problems in Natural Philosophy. Essays.

Additional for Honours—Elements of the Differential and Integral Calculus; Evan's Newton's Principia, ed. 1855, secs. II. and III. pp. 26–52., or the same propositions in Frost's Edition 1863.

3—LOGIC, METAPHYSICS, AND ETHICS.

Second Year—LOGIC.

Text-book—Whately's Logic. Lectures.

Additional for Honours—Mill's Logic, Book III.

Subject of Summer Essay—*Induction*.

Third Year—METAPHYSICS.

Text-book—Outline of Hamilton's Philosophy, by Prof. Murray. The Lectures treat of

The Science of Knowledge. I. Knowledge in general. II. Knowledge in its special forms. § 1. Intuitive. (1) Presentative. (a) Self-Consciousness. (b) Perception. (2) Representative. (a) Its kinds. a. Simple Imagination. β . Memory: (b) Its Laws. § 2. Comparative. (1) Judgment. (2) Reasoning. (3) Generalization. (4) Poetic imagination. (a) Beauty. (b) Art.

Additional for Honours—Schwegler's History of Philosophy, §§ 1–22 inclusive.

Subject of Summer Essay—*Visual Perception*.