

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—Mathematics of the First and Second Year.

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.

Additional for Honours—Problems in Statics and Dynamics.

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

Fourth Year—NATURAL PHILOSOPHY.

Lectures. Optics (Galbraith and Haughton's, Dupuis'). Differential and Integral Calculus one day in the week (Hall). 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—Whewell's "Novum Organum Renovatum;" Mill's Logic, Books III and IV.

Subject of Summer Essay—*Induction.*

Third Year—METAPHYSICS.

The course will comprise

1. A critical account of the main philosophical systems of Greece.

2. Lectures on (a) Psychology, (b) Pure Metaphysics, and (c) the Relation of Philosophy to common consciousness and the Special Sciences.

Additional for Honours—Schwegler's History of Philosophy § 24–35 inclusive. Kant's "Critical Philosophy for English Readers," by Mahaffy,

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