

§ 3.

MATHEMATICS AND NATURAL PHILOSOPHY.

Professor of Natural Philosophy—J. B. CHERRIMAN, M.A.
Mathematical Tutor—J. LOUDON, M.A.

Subjects of Lectures :

FIRST YEAR.

Arithmetic; Algebra (Todhunter's Algebra for Beginners, *Colenso's); Euclid (Colenso's, Potts', or Todhunter's); and Plane Trigonometry (Cherriman's, *Colenso's, or *Todhunter's.)

SECOND YEAR.

Elements of Statics and Dynamics (Cherriman's); *Analytical Conic Sections (Puckle's); *Newton's Principia, Secs. I., II., & III. (Evans' ed.); and *Rudiments of Differential and Integral Calculus (Hemming's.)

THIRD YEAR.

Elements of Hydrostatics and Optics (Chambers' Educational Course); *Differential and Integral Calculus (DeMorgan's or Price's); *Analytical Geometry of two and three dimensions (Salmon's and Hymers'); *Theory of Algebraic Equations (Todhunter's); *Analytical Statics (Todhunter's); *Dynamics of a particle (Sandeman's); *Geometrical Optics (Parkinson's); *Hydrostatics (Miller's or Besant's.)

FOURTH YEAR.

Elements of Astronomy (Herschel's), and of Acoustics (Chambers' Educational Course); *Spherical Trigonometry (Todhunter's); *Newton's Principia, Secs. IX. and XI. (Evans' ed.); *Plane Astronomy (Hymers'); *Lunar Theory (Godfrey's.)

* * * The Lectures on Natural Philosophy are illustrated by Apparatus.