

§ 7.

MATHEMATICS AND NATURAL PHILOSOPHY.

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

Subjects of Lectures:

FIRST YEAR.

Arithmetic; Algebra (Colenso's); Euclid (Colenso's); and Plane Trigonometry (Colenso's.)

SECOND YEAR.

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

THIRD YEAR.

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

FOURTH YEAR.

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

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

*Only for Candidates for Honors.