

ITALIAN.

*Manzoni, *I Promessi Sposi*, I.-XX.; *Tasso, *Gerusalemme Liberata*, Canto XII.; *Dante, *Inferno*, Cantos I. to VII. inclusive; *Alfieri, *Agamemnone*; *Goldoni, *Il Barbero Benefico*; *Translation from English into Italian; *History of Italian Literature—(Sismondi's Literature of the South of Europe, as far as Chap. XV.)

SPANISH.

*Grammar (De Vere's); *Quintana, *Vida del Cid*, and *El Gran Capitan*; *Moratin, *El si de las Niñas*; *Translation from English into Spanish; *History of Spanish Literature (Sismondi's Literature of the South of Europe, to Chap. XXIX. inclusive); *Comparison of Etymological and Grammatical Forms in Latin, Provençal, French, Italian, and Spanish (Sir G. C. Lewis's *Origin and Formation of the Romance Languages*).

§ 6

CHEMISTRY.

Professor :—H. H. CROFT, D.C.L.

Subjects of Lectures.

Third Year.

CHEMISTRY AND CHEMICAL PHYSICS.

Origin and History of Chemistry—connection with other sciences.

General properties of matter—adhesion and cohesion—crystallization—specific gravity, &c.

Heat—expansion—thermometers—ventilation—change of state of aggregation—vapors.

Light—as a chemical agent—photography, spectrum analysis, &c.

Static Electricity—Galvanism—Magnetism—Electro-magnetism—Induction.

Electric Telegraph, Thunderstorms, &c.

Chemical elements, their combinations and laws regulating the same.

Organic Chemistry.

Application of Chemistry to Agriculture and to Physiology.

*Only for Candidates for Honors.