

§ 8

MINERALOGY AND GEOLOGY.

Professor.—E. J. CHAPMAN, PH. D., LL.D.

(Late Professor in University College, London.)

Subjects of Lectures :

Second Year.

I.—Ordinary Course for General Students.

A. *Elements of Mineralogy.*

A, 1. The characters by which Minerals are distinguished from one another.

A, 2. The conditions of occurrence, composition, &c, of commonly occurring Minerals and Metallic Ores.

B. *Elements of Geology.*

B, 1. General Principles of Geology. Structural characters and classification of Rock Masses.

B, 2. A General Outline of the Geological Ages and Epochs.

II.—Additional Course for Candidates for Honors.

A. *The Rudiments of Crystallography.*

B. *The Rudiments of Palæontology.*

C. *The Elements of Physical Geography.*

(*Books of Reference* ; Dana's Manual of Mineralogy ; Lyell's Elementary Manual ; Chapman's Minerals and Geology of Canada ; Johnston's Elementary Atlas of Physical Phenomena, 8vo. Edition.)

Fourth Year.

I.—Ordinary Course for General Students.

A. *Mineralogy.*

A, 1. The Physical relations of Mineralogy.

A, 2. The Chemical Relations of Mineralogy.

A, 3. Systematic Mineralogy.