

§ 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 condition 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; Buff's Physics of the Earth; 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. Descriptive Mineralogy.