

II.—DETAILED COURSE OF ZOOLOGY.

In this course, each division of the animal kingdom is separately considered as to its structure and arrangement, the fullest details being given where the subjects appear to be of most general interest, and where the means of illustration are most accessible.

(*Books of reference*—Owen's Lectures on Comparative Anatomy; Clark's translation of Van der Höven's Hand-book of Zoology; Jones's Animal Kingdom; Carpenter's Zoology.)

III.—DETAILED COURSE OF BOTANY.

In this course, the objects proposed are, first, to lay a good foundation for any further Botanical studies in Physiology, Organography, and Morphology, and then to illustrate that arrangement of the Vegetable Kingdom which is judged to be on the whole preferable, with a constant reference to the uses of the objects noticed, and to the connexion of certain properties with natural groups.

(*Text books*—Gray's Botanical Text book; Lindley's Vegetable Kingdom.)

* * The Lectures are copiously illustrated by specimens, diagrams, drawings, and the use of the microscope.

§ 12.

MINERALOGY AND GEOLOGY.

Professor—E. J. CHAPMAN, PH. 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.