

§ 7.

NATURAL HISTORY,
INCLUDING ZOOLOGY AND BOTANY.

Professor—REV. W. HINCKS, F. L. S.

(Late Professor in Queen's College, Cork.)

Three courses of Lectures are given in this department: an introductory course for Matriculated Students of the first year, and two detailed courses for Matriculated Students of the third year.

I.—INTRODUCTORY COURSE ON ZOOLOGY AND BOTANY.

This course comprehends the elements of Comparative Physiology, with a general view of the structure and arrangement of the Animal Kingdom, and the elements of Structural and Systematical Botany.

(*Text-books*—Agassiz and Gould's Principles of Zoology; Gray's First Lessons in Botany.)

Candidates for Honors are required to take up the structure and arrangement of Lamellibranchiate and Gasteropodous Mollusks, and a general view of the structure and arrangement of Birds; also, in Botany, the elements of Vegetable Physiology.

A supplementary course of at least twelve Lectures will be given to Agricultural Students on subjects immediately connected with their particular object.

(*Books of Reference*—Woodward's Rudimentary Treatise on Recent and Fossil Shells; Gray's First Lessons, XXII.—XXVII; Lindley's Botany, last chapter.)

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 Vander Hoeven'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,