

PRACTICAL CHEMISTRY.

Classes will be formed for practical instruction in chemical manipulation, qualitative and quantitative analysis, examination of ores and mineral waters, chemical and pharmaceutical preparations, toxicological investigations, and the general operations of the laboratory.

This course is optional, and will be given at hours in the afternoon to suit the convenience of students.

§ 10.

NATURAL HISTORY,

INCLUDING ZOOLOGY AND BOTANY.

*Professor*—REV. WILLIAM HINCKS, F.L.S.

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

Three courses of Lectures are given in this department; an introductory course for Undergraduates of the first year, and two detailed courses for Undergraduates 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 arrangements 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.)