6. HEBREW AND ORIENTAL LITERATURE.

Professor :—Rev. D. Coussirat, B.A , B.D., Officier d'Académie.

Elementary Course.—Reading and Grammar, with oral and written exercises in Orthography and Etymology.—Translation and Grammatical Analysis of Genesis.—*Text-Books* :—Harper's Elements of Hebrew : and Introductory Hebrew Method and Manual

Intermediate Course.—Grammar.—Dr. Harper's "Elements and Method."—Translation from the Hebrew Bible.—Exercises.—Hebrew into English, and English into Hebrew.—Syntax.—Reading of the Masoretic notes.

Advanced Course.—Gesenius' Grammar, and Harper's Elements of Syntax.—Exercises continued.—Translation from the Hebrew Bible.—Reading of the Masoretic notes and of the Septuagint Version.

The course comprises Lectures on the above Language and its Literature in particular, its genius and peculiarities with a general notice of the other Oriental Languages. Comparative Philology, affinity of Roots, etc , also receive due attention, while the portions selected for translation will be illustrated and explained by reference to Oriental manners, customs, history, etc.

For Additional Courses see Honour Lectures.

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7. MATHEMATICS AND NATURAL PHILOSOPHY.

(Peter Redpath Professorship of Natural Philosophy.)

Professor :—Alexander Johnson, M.A., LL.D.

In the ordinary work of the First Year, assistance will be given by G. H. Chandler, M.A., Professor of Practical Mathematics in the Faculty of Applied Science, and by M. H. Tory, B.A., Sessional Lecturers.

First Year.—Mathematics.—Arithmetic.—Euclid, Books 1, 2, 3, 4, 6, with definitions of Book 5 (omitting propositions 27, 28, 29 of Book 6) ; Todhunter's Edition—or Hall and Stevens'; the latter is recommended to Candidates for Honours especially. Colenso's Algebra (Part I) to end of Quadratic Equations.—Galbraith and Haughton's Plane Trigonometry to beginning of solution of Plane Triangles.

Second Year.—Mathematics.—Arithmetic, Euclid, Algebra and Trigonometry as before.—Nature and use of Logarithms.—Remainder of Galbraith and Haughton's Plane Trigonometry.

Physics.—*Elementary Mechanics.*—One lecture a week up to March. An examination will be held then, which must be passed in order to secure credit for attendance on the lectures.

The course for the Intermediate University Examination consists of the Mathematics for the first two years.

Third Year.—Mathematical Physics.—Galbraith and Haughton's Mechanics, viz. : *Statics*, first 3 chapters, omitting sec. 5, chapter I., and sec. 21, chapter II ; *Dynamics*, subjects of the first 5 chapters. Galbraith and Haughton's Hydrostatics. The lectures on this subject begun in the previous year will end about Christmas.