

V. MATHEMATICS AND PHYSICS.

The ordinary course embraces Euclid, Algebra, Plane Trigonometry, Statics of Solids and Fluids, Dynamics of a Particle, Geometrical Optics, Sound, Heat, Electricity, and Plane Astronomy.

The lectures in Physics will be fully illustrated by experiments.

The advanced course embraces Spherical Trigonometry, Analytical Geometry (Plane and Solid), Differential and Integral Calculus, Theory of Equations, Statics of Solids and Fluids, Particle and Rigid Dynamics, Hydrodynamics, Optics, Acoustics, Thermo-Dynamics, Electricity, and Astronomy.

VI. ETHNOLOGY.

Anthropology. The Skull, its bones and sutures. Structure and functions of the brain. Typical race-forms of head. Hair, color and other distinctive ethnical elements. Succession of races. The Prehistoric Unhistoric, and Historic races.

Physical evidences of diversity of race.

Philological evidence.

The lectures are illustrated by means of maps, drawings, specimens of typical skulls, primitive implements, etc.

Text-Books.—Tylor's Anthropology : an introduction to the study of Man and Civilization.

Brace's Manual of Ethnology.

Latham's Ethnology of British Isles.

“ Ethnology of Europe.

“ Man and his Migrations.

Max Müller's Science of Language, 1st Series.

Additional Books of Reference—Pritchard's Researches into the Physical History of Man.

Pritchard's Eastern Origin of the Celtic Language (Latham's Ed.)

Latham's Varieties of Man.

Neibuhr's Ethnography.

Wilson's Prehistoric Man (3rd Ed.)