

Hydrostatics, 10 of Acoustics, 13 of Heat, 20 of Optics, 16 of Geodesy and Astronomy.

§ 5.

APPARATUS ILLUSTRATIVE OF CHEMISTRY
AND CHEMICAL PHYSICS.

The number of Chemical Products is about 1600, and of Minerals used in the Arts, &c., about 400. This collection includes also a large number of Instruments and Models illustrative of Electricity, Galvanism, Electro-Magnetism, Magneto-Electricity, Thermo-Electricity, Heat, Light, &c., Technology and Metallurgy, &c.

Considerable additions of apparatus and articles illustrative of manufactures will be made before the close of the year.

SECTION XIII.—MAGNETICAL AND METEOROLOGICAL OBSERVATORY.

(a) "The first Observatory was erected by the Royal Engineers in 1840. It was built of logs, rough-cast, and plastered. In 1855 it was replaced by the present stone structure. The main body of the building, constituting the new observatory, is of a rectangular form, about fifty-four feet from north to south in the direction of the magnetic meridian, forty-four feet from east to west, and sixteen feet in height, exclusive of the roof. At the north-west corner