

tatics, 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.,

SECTION XIII.—MAGNETICAL AND METEOROLOGICAL OBSERVATORY.

In the main building are placed the instruments used for observing the changes in the four magnetic elements. These instruments are as follows :

1. The Declinometer, for measuring the changes in the declination or variation of the magnet.
2. The Inclinator, for observing the changes in the inclination or dip.
3. The Bifilar, for observing the changes in the horizontal component of the magnetic force.
4. Lloyd's Balance Magnetometer, for observing the changes in the vertical component.