

Section - 1

Ans 2 Gypsum:

- (i) Gypsum is one of the most important and extensively used materials. It is white crystalline substance.
- (ii) In composition it is calcium sulphate (79.1%) with water (20.9%) of crystallization and it is found in the form of mineral in nature.
- (iii) It is colorless. In presence of impurities it may be white gray, brown or reddish brown in colour.
- (iv) Gypsum is either soluble in HCl or in water. Its specific gravity is 2.3.
- (v) About 90% of gypsum produced in India is found in Rajasthan.

Uses:

- (i) It is mainly used in the manufacturing of cement.
- (ii) It is used to prepare gypsum board and plaster of paris.
- (iii) It is also used as a filler material in paint.
- (iv) It is used for ornamental plaster work and for preparation of boards and blocks.
- (v) The plaster of paris is used in artwork, pottery, dentistry etc.
- (vi) It is used for making gypsum wall plaster, hard finish plaster, gypsum plaster board, etc.