

## Section-1

### Q-2 Gypsum:

- a) Gypsum is one of the most important and extensively used materials. It is white crystalline substance.
- b) 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.
- c) It is colorless, in presence of impurities it may be white gray, brown or reddish brown in colour.
- d) Gypsum is either soluble in HCl or in water. Its specific gravity is 2.3.
- e) About 90% of gypsum produced in India is found in Rajasthan.

### Uses:

- a) It is mainly used in the manufacturing of cement.
- b) It is used to prepare gypsum board and plaster of Paris.
- c) It is also used as a filler material in paint.

d) It is used for ornamental plaster work and for preparations of boards and blocks.

e) The plaster work is used in art work, pottery, dentistry etc.

f) It is used for making gypsum wall plaster, hand finish plaster, gypsum plaster board etc.