

M.Sc. (Geology) (NEP Pattern) Semester-IV
PSCGEOT11 - Indian Mineral Deposits and Mineral Economics Paper-II

P. Pages : 2

Time : Three Hours



GUG/S/25/16357

Max. Marks : 80

-
- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat sketches wherever necessary.

1. Describe the iron ore deposits of India with reference to their mineralogy, mode of occurrence, origin, geological association and geographical distribution.

OR

Write short notes on the following:

- a) Chromium deposits of India.
- b) Manganese deposits of Central India.
- c) Aluminum deposits of India.
- d) Copper deposits of India.

2. Describe the minerals used in metallurgical industry with reference to their mineralogy, mode of occurrence and geographical distribution in India.

OR

Write short notes on the following:

- a) Tin deposits of India.
- b) Minerals used in refractory industry.
- c) Minerals used in abrasive industry.
- d) Tungsten occurrences in India.

3. Describe the minerals used in fertilizer industry with reference to their mineralogy, mode of occurrence and geographical distribution in India.

OR

Describe the following:

- a) Minerals used in ceramic industry.
- b) Minerals used in cement industry.
- c) Gemstones
- d) Minerals used in the chemical industry.

4. Give an account of the significance of minerals in the national economy.

OR

Describe the following:

- a) Cartels and their influence on mineral industry.
- b) Conservation and substitution of minerals.
- c) United Nations framework classification.
- d) National Mineral Policy of India.

5. Give a brief account of the following:

- a) Kolar gold field
- b) Lead and zinc deposits of Zawar
- c) Titanium occurrences in India.
- d) Nickel occurrence in India
- e) Minerals used in glass industry.
- f) Minerals used in electrical industry.
- g) Strategic minerals
- h) Concept of mineral economics.
