

M.Sc.(Geology) (NEP Pattern) - Semester-III
PSCGEOE-1 - Elective Paper-IV : Economic Geology

P. Pages : 2

Time : Two Hours



GUG/W/24/15997

Max. Marks : 40

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

1. Write a brief note on broad outline of idea regarding classification of mineral deposits.

OR

Write note on the following.

- a) Pegmatic deposits.
- b) Hydrothermal deposits
- c) Sublimation deposits
- d) Grade of ore

2. Give brief account of process of formation of supergene sulphide enrichment deposits.

OR

Write note on the following.

- a) Metamorphic & metamorphosed deposits.
- b) Placer deposits
- c) Sedimentary deposits
- d) Bacteriogenic deposits

3. Discuss about mineralogy, uses, geological occurrences, origin & geographical distribution of chromium deposits.

OR

Write note on the following :

- a) Magnesite

- b) Tin
- c) Tungsten
- d) Geographical distribution of oil & gases

4. Write a brief account of mineralogy, uses, geological occurrences, origin & geographical distribution in India of Manganese deposits.

OR

- a) Malanjkhand copper deposits.
- b) Iron ore deposits of Bastar
- c) Beach placers of Kerala
- d) Neyveli lignite deposits

5. Write short note on the following.

- a) Ore minerals & gangue minerals.
- b) Tenor of ore
- c) Residual concentration deposits
- d) Evaporites
- e) Geographical distribution of gold
- f) Geological occurrences of Tin
- g) Gypsum deposits of Rajasthan
- h) Gondwana coal
