

Bachelor of Science (B.Sc.) Fifth Semester
B.Sc. 3522 - Geology : Paper-I (Economic Geology)

P. Pages : 2

Time : Three Hours



GUG/W/18/1311

Max. Marks : 50

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

1. Give an account of Magmatic concentration deposits.

OR

Describe in brief supergene Sulphide enrichment deposits.

2. Describe the mineralogy, geological occurrences, origin and geographical distribution of Iron ore deposits of India.

OR

Give an account of the following.

- i) Singhbhum Copper belt.
- ii) Kolar gold field.

3. Describe the following.

- a) Tenor of ore.
- b) Alluvial placers.
- c) Oil traps.
- d) Mica deposits of Bihar.

OR

Describe the following.

- e) Stock work.
- f) Evaporites.
- g) Oil fields of Assam.
- h) Gypsum deposits of Rajasthan.

4. Write brief notes on the following.

- a) Pegmatitic deposits.
- b) Metamorphic deposits.
- c) Asbestos deposits of India.
- d) Neyveli lignite deposit.

OR

Write brief notes on the following.

- e) Replacement deposits.
- f) Bacteriogenic deposits.
- g) Kyanite deposits.
- h) Bauxite deposits of Maharashtra.

5. Write on the following in not more than two sentences (Solve **any ten**).

- a) Definition of ore.
- b) Gangue minerals.
- c) Assay value.
- d) Eolian Placers.
- e) Sedimentary deposits.
- f) Beach placers.
- g) Uses of graphite.
- h) Chemical composition of pyrite.
- i) Uses of Diamonds.
- j) Name any two ores of Manganese.
- k) Name any two Gondwana Coal fields.
- l) Name any two heavy minerals.
