

B.Sc. (CBCS Pattern) Sem-V  
**USGEOT09 - DSE : Geology Paper-I : Economic Geology**

P. Pages : 1

Time : Three Hours



**GUG/W/22/13123**

Max. Marks : 50

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

1. Describe in brief Hydrothermal deposits.

**OR**

Give an account of the following-

- i) Skarn deposits
- ii) Magmatic segregation deposits

2. Describe in brief Metamorphic and Metamorphosed deposits with suitable Indian examples.

**OR**

Give an account of the following-

- i) Residual concentration deposits
- ii) Sedimentary deposits

3. Give an account of Manganese deposits of India with reference to Mineralogy geological occurrences and geographical distribution.

**OR**

Give brief account of the following-

- i) Lead and Zinc deposits of India
- ii) Chromite deposits of India.

4. Give brief account of mineralogy, uses, origin and geographical distribution of coal.

**OR**

Give brief account of the following-

- i) Iron ore deposits of Bastar
- ii) Gypsum deposits of Rajasthan.

5. Write on the following in not more than two sentences solve **any ten**.

- a) Grade of ores
- b) Volcanogenic deposits
- c) Gangue minerals
- d) Gossan
- e) Zone of oxidation
- f) Any two minerals of placer deposits
- g) Give any two uses of barytes.
- h) Name any two types of Mica.
- i) Give chemical composition of Pyrite.
- j) Name any two oil fields of India.
- k) Name any two structural traps.
- l) Hydrocarbons

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