

NKT/KS/17/5178

**Bachelor of Science (B.Sc.) Semester-V (C.B.S.) Examination**

**GEOLOGY**

**Paper—1**

**(Economic Geology)**

Time : Three Hours]

[Maximum Marks : 50

**N.B. :—** (1) All questions are compulsory and carry equal marks.

(2) Draw neat sketches wherever necessary.

1. (A) What are skarn deposits ? Describe the process of formation of skarns, citing Indian examples, if any.

**OR**

(B) Describe the process of Cavity filling and replacement for formation of hydrothermal deposits.

2. (A) Describe the process of Supergene Sulphide enrichment in detail.

**OR**

Write notes on the following :—

(B) Metamorphic deposits

(C) Evaporites

3. (A) Give a detailed account of oil and natural gas deposits.

**OR**

(B) Give an account of mineralogy uses, geological setting and geographical distribution of mica deposits of India.

4. Write notes on the following :—

(A) Lead-Zinc deposit of Zawar,

(B) Gypsum deposit of Rajasthan.

**OR**

Write notes on the following :-

- (C) Beach places of Kerala,
- (D) Malanjkhand copper deposit.

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

- (A) Segregation deposit.
- (B) Assay value.
- (C) Gangue minerals.
- (D) Alluvial placer.
- (E) Metamorphosed deposit.
- (F) Residual concentration.
- (G) Name any two minerals used in cement industry.
- (H) Name any two iron ores.
- (I) Name any two chromite deposits of India.
- (J) Anthracite.
- (K) Name any two ores of Manganese.
- (L) Name any two Gondwana Coal deposits.