

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.