

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

ECONOMIC GEOLOGY

(Geology)

Paper—1

Time : Three Hours]

[Maximum Marks : 50

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

(2) Draw neat diagrams wherever necessary.

1. (A) Discuss in detail process of formation of magmatic concentration deposits.

OR

(B) Describe the following :

(i) Pegmatitic deposits.

(ii) Hypothermal deposits.

2. (A) Describe residual concentration deposits, citing Indian examples.

OR

(B) What are Placers ? Discuss in detail process of mechanical concentration.

3. (A) Give an account of Iron deposits of India with reference to mineralogy, geological setting, uses and geographical distribution.

OR

(B) Give an account of Chromite deposits of India with reference to mineralogy, geological setting, uses and geographical distribution.

4. (A) Give an account of Manganese deposits of India with reference to mineralogy, geological setting, geographical distribution and uses.

OR

(B) Write notes on the following :

(i) Kolar gold field.

(ii) Neyveli lignite deposit.

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

- (A) Ore.
- (B) Skarn deposit.
- (C) Telethermal deposit.
- (D) Gossan.
- (E) Evaporite.
- (F) Bog iron ore.
- (G) Name any two refractory minerals.
- (H) Give any two uses of mica.
- (I) Give chemical composition of Barytes.
- (J) Name any two ores of Copper.
- (K) Name beach placer deposit of India.
- (L) Name any two Copper deposits of India.