

**Fifth Semester B. Sc. Examination**

**GEOLOGY**

**Paper – I**

**(Economic Geology)**

Time : Three Hours ]

[ Max. Marks : 50

- N. B. : (1) All questions are compulsory and carry equal marks.  
(2) Draw neat sketches wherever necessary.

1. Give an account of the following :-

- (A) Pegmatitic deposits.
- (B) Skarn deposits.

**OR**

- (C) Give an account of cavity filling and replacement deposits (Hydrothermal deposits)

2. Give an account of the following :-

- (A) Placer deposits.
- (B) Residual Concentration deposits.

**OR**

Describe the following :-

- (C) Sedimentary deposits.
- (D) Metamorphic and Metamorphosed deposits.

3. Give an account of the following:-

- (A) Diamond deposits of India.
- (B) Mica deposits of India.

**OR**

Describe the following :-

- (C) Oil fields of Assam.
- (D) Gypsum deposits of India.

4. Describe the following :-

- (A) Singhbhum Copper belt.
- (B) Gondwana Coal deposits.

**OR**

Give an account of the following :-

- (C) Beach placers of Kerala.
- (D) Kolar Gold field.

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) Gossan
- (E) Evaporites
- (F) Bacteriogenic deposits,
- (G) Give any two uses of Asbestos.

- (H) Give chemical composition of Kyanite.
- (I) Name any ore containing radioactive elements.
- (J) Name any two ores of Copper.
- (K) Name any two ores of Manganese.
- (L) Give any two uses of zinc.