

**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 depsoits.  
(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 Godl 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.