

**NRT/KS/19/2145**

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

**ECONOMIC GEOLOGY**

**Optional Paper—1**

**(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) Give an account of Magmatic concentration deposits.

**OR**

(B) Give an account of cavity filling deposits.

2. (A) Give an account of residual concentration deposits.

**OR**

(B) Describe in brief metamorphic deposits with suitable Indian examples.

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

**OR**

(B) Give an account of Aluminium deposits of India with reference to mineralogy, mode of occurrence, geographical distribution and uses.

4. (A) Describe in brief copper deposits of India with reference to mineralogy, geological occurrence, origin, geographical distribution and uses.

**OR**

(B) Give a brief account of geological setting and mineralization of Mica deposits of Bihar and Gypsum deposits of Rajasthan.

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

- (A) Gangue minerals
- (B) Epigenetic ores
- (C) Tenor of ore
- (D) Eluvial placers
- (E) Stream placers
- (F) Gossan
- (G) Give any two uses of Mica
- (H) Give any two uses of Diamond
- (I) Give chemical composition of Sillimanite
- (J) Name any two manganese ores
- (K) Give any two uses of manganese
- (L) Name any two Gondwana coal fields.