

## B.Sc Semester-6 Examination

CC 307

Geology

April-2024

Time : 2-30 Hours]

[Max. Marks : 70

**Instructions:** (i) Draw neat diagrams whenever necessary.  
(ii) Write proper answer number.

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Q-1 Describe the quality and quantity with reference to aspects of mineral exploitation. (14)

OR

Q-1 (a) Soapstone formation. (07)

(b) Development of economic geology. (07)

Q-2 Discuss the gaseous deposits of igneous type. (14)

OR

Q-2 (a) Girnar complex. (07)

(b) Conditions and agents of metasomatic replacement deposits. (07)

Q-3 Explain the process of source material, solution, transportation and deposition. (14)

OR

Q-3 (a) Alluvial placers. (07)

(b) Residual bauxite concentration. (07)

Q-4 Write a detailed note on copper deposits. (14)

OR

Q-4 (a) Atomic minerals. (07)

(b) Baryte deposits of India. (07)

Q-5 **Attempt any seven questions out of twelve.** (14)

(i) Define an ore. Give two examples.

(ii) Write about the location in mineral exploitation.

(iii) State the occurrences of graphite in world.

(iv) What is filtration differentiation?

(v) Write about vesicular fillings.

(vi) Define hydrothermal solution. Give one example of such deposit.

(vii) Define gossans. Give one example.

(viii) Name the products of evaporites.

(ix) State the types of coal.

(x) Name the basic refractory minerals.

(xi) State the gold fields of India.

(xii) Name the semi-precious stones.

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