

2022
B.A./B.Sc.
Fifth Semester
CORE – 11
GEOLOGY
Course Code: GLC 5.11
(Economic Geology)

Total Mark: 70

Pass Mark: 28

Time: 3 hours

Answer five questions, taking one from each unit.

UNIT-I

1. Discuss in detail the structures and textures of ores. 14
2. Write short notes on the following: 7×2=14
 - (a) Concept of resource and revenue
 - (b) Metallogenetic epoch

UNIT-II

3. Describe the hydrothermal process of ore formation. 14
4. Write short notes on the following: 7×2=14
 - (a) Late magmatic deposit
 - (b) Metamorphic ore deposit

UNIT-III

5. Give the origin, occurrence, and distribution of chromium deposit in India. 14
6. Write notes on the following: 7×2=14
 - (a) Distribution of aluminium deposit in India
 - (b) Occurrence and uses of copper deposit

UNIT-IV

7. Write the chemical composition, uses, and distribution of magnesite deposit in India. 14
8. Write notes on the following: 7×2=14
- (a) Origin and uses of graphite
 - (b) Occurrences and distribution of kyanite and sillimanite deposit in India

UNIT-V

9. Give an account on the coal deposit of Northeast India. 14
10. Write a note on the limestone deposit of Northeast India. 14
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