

2021
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. Write short notes on 7+7
 - (i) Metallic and non-metallic minerals
 - (ii) Metallogenetic province
2. Define metallogenetic epoch. Explain in detail the metallogenetic epoch of India. 14

UNIT-II

3. Describe the process of ore formation by oxidation and supergene enrichment. 14
4. Write short notes on 7+7
 - (i) Placer deposit
 - (ii) Magmatic ore deposit

UNIT-III

5. Give the origin, occurrence and distribution of gold deposit in India. 14
6. Write notes on the following 7+7
 - (i) Distribution of copper deposit in India
 - (ii) Occurrence and uses of manganese deposit

UNIT-IV

7. Write the chemical composition, uses and distribution of mica deposit in India. 14
8. Write notes on the following 7+7
- (i) Origin and uses of magnesite
 - (ii) Chemical composition and distribution of asbestos deposit in India

UNIT-V

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