



QP CODE: 24000659

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, MARCH 2024

Sixth Semester

CORE COURSE - GL6CRT12 - ECONOMIC GEOLOGY

Common for B.Sc Geology Model I & B.Sc Geology and Water Management Model III

2017 Admission Onwards

4C5EDFB2

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is a mineral?
2. In india which state is the largest producer of Limeshell and Kaolinite?
3. If a mineral deposit formed much later than the rocks which enclose it.
4. The state in India where the Raniganj Coalfields are located.
5. Define contact metasomatic deposits.
6. Write any two examples of metamorphic deposits.
7. What is a sinter?
8. Mineral deposits associated with thermal springs.
9. Name any two places in which Late Paleozoic coal deposits found.
10. Any two uses of aluminium.
11. The age of lignite beds of Neyveli.
12. Write any two occurrence of Gemstones.

(10×1=10)



Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Differentiate between Ore minerals and Gangue minerals.
14. Describe late magmatic deposits.
15. Give an account on types of hydrothermal deposits on the basis of temperature.
16. Describe the evaporate deposits.
17. Types of placer deposits.
18. Briefly explain the uses and indian distribution of iron ore deposits.
19. Describe the mode of occurrence of Maganese.
20. Briefly explain about Ceramics and Cement.
21. Classification of Petroliferous basins of India.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Describe cavity filling deposits and replacement deposits.
23. Describe the processe of formation of ore deposits by oxidation and supergene sulphide enrichment. Add a note on evaporite deposits.
24. Write an essay on mineral deposits of Kerala.
25. Write a detailed essay on high grade and soft abrasives, their uses and Applications.

(2×10=20)

