



25020417

**QP CODE: 25020417**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025**

**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

4C8E9D5A

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

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

1. Father of Economic Geology.
2. Which ore is mined from rocks that have been exposed to weathering in a tropical environment?
3. What are Syngenetic deposits?
4. What are Strategic Minerals?
5. Define magmatic deposits.
6. What is hypothermal deposits?
7. Give any two examples of alluvial gold placers of india.
8. What is a Gossan?
9. Specific periods charecterised by the formation of large number of mineral deposit is known as -----.
10. Ore of aluminium.
11. Examples for high grade natural abrasives.
12. Name the first oil field in India.

(10×1=10)

**Part B**

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Briefly describe about mineral Resources and Reservrs.
14. Define metasomatic replacement deposits. Illustrate with example.
15. Describe the process of formation of andalusite-sillimanite-kyanite deposits.
16. Add a note on external processes of ore formation.
17. Add a note on the relevance of mechanical concentration process in the formation of economic deposits .
18. Write a short note on metallogenic provinces of India.
19. Describe the mode of occurrence and uses of gold.
20. Write a short note about fuel minerals.
21. Describe the physical and chemical changes in progressive change from Peat to Anthracite.

(6×5=30)

### **Part C**

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Explain contact metasomatic deposits and metamorphic deposits.
23. Describe the process of formation of volcanic exhalative deposits and evaporite deposits.
24. Explain the uses, mode of occurrence and distribution of Uranium and Thorium.
25. Write an essay on important refractory minerals.

(2×10=20)

