

**19U623**

(Pages: 2)

Name: .....

Reg.No: .....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022**

(CBCSS - UG)

**CC19U GEO6 B19 - ECONOMIC GEOLOGY**

(Geology - Core Course)

(2019 Admission - Regular)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

**Part A** (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Atmophile.
2. Secondary minerals.
3. Metallogenic epochs.
4. Immiscible liquid segregation.
5. Formation of asbestos.
6. Fissures.
7. Ladder veins.
8. Open sea deposition of iron.
9. Residual weathering.
10. Which are the important states and districts for iron production.
11. Industrial importance of Molybdnem.
12. Uses of Beryl.
13. Uses of Ceramic Minerals.
14. Macerals.
15. Bombay High.

**(Ceiling: 25 Marks)**

**Part B** (Paragraph questions)

Answer *all* questions. Each question carries 5 marks.

16. Bateman's Classification of mineral deposits.
17. Structural Control of Ore localization.
18. Sublimate Deposits.
19. Process and effects of contact metamorphism.
20. Solution and transportation in sedimentary process.
21. Secondary enrichment.
22. Occurrence and distribution of diamond in India.
23. Physical properties of coal.

**(Ceiling: 35 Marks)**

**Part C** (Essay questions)

Answer any *two* questions. Each question carries 10 marks.

24. Write an essay on Geologic Thermometers.
25. Write an essay on Metamorphic mineral deposits? Add short note on formation of Graphite.
26. Elaborate the occurrence and distribution of manganese, aluminium, chromium.
27. Write an essay on origin, migration and entrapment of petroleum. Add short note on characteristics of source and reservoir rocks.

**(2 × 10 = 20 Marks)**

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