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(Pages: 2)

Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO6 B19 - ECONOMIC GEOLOGY

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.5 Hours

Maximum : 80 Marks

Credit : 4

Part A (Short answer questions)

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

1. Syngenetic minerals.
2. Limitations of Lindgren's classification.
3. Structural control of ore localization.
4. Immiscible liquid injection.
5. Formation of Graphite.
6. Formation of asbestos.
7. Pyrometasomatic deposits.
8. Carbonated water.
9. Laterite soil.
10. Limonite.
11. Base metal.
12. Indian occurrences of Gypsum.
13. Important places for ceramic mining in Kerala.
14. Bituminous coal.
15. Insitu theory of coalification.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

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

16. Historical development of economic geology.

17. Metallogenic Epochs in India.
18. Sublimate Deposits.
19. Principles of Hydrothermal process.
20. Cycle of Manganese.
21. Occurrence and distribution of Gold in India.
22. Properties of Asbestos and Indian Occurrences.
23. Distribution of hydrocarbon deposits in India.

(Ceiling: 35 Marks)

Part C (Essay questions)

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

24. Write an essay on classification of mineral deposits.
25. Write an essay on rock openings and types of cavity filling deposits in hydrothermal process.
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)
