

20U623

(Pages: 2)

Name:

Reg.No:

SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2023

(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. Chalcophile.
2. Primary minerals.
3. Geologic Thermometers.
4. Sublimate Deposits.
5. Pyrometasomatic deposits.
6. Epithermal deposits.
7. Shear- zone deposits.
8. Source of sedimentary phosphate.
9. Open sea deposition of iron.
10. Chromium deposits in India.
11. Indian occurrences of Nickel.
12. Industrial uses of Asbestos.
13. Uses of Ceramic Minerals.
14. Seams.
15. Cap rock.

(Ceiling: 25 Marks)

Part B (Paragraph questions)

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

16. Metallogenic Epochs and Provinces in India.
17. Structural Control of Ore localization.

18. Orthomagmatic Process.
19. Metamorphic deposit.
20. Mechanical concentration deposits.
21. Effects of Oxidation and Supergene Enrichment.
22. Properties of barite and Indian Occurrences.
23. Drift theory of coalification.

(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 Metamorphic mineral deposits. Add short note on formation of Asbestos.
26. Write an essay on Occurrence and distribution of metalliferous deposits in India.
27. Write an essay on Oil traps. Add short note on petroliferous basins of India.

(2 × 10 = 20 Marks)
