

**23U624**

(Pages: 2)

Name: .....

Reg.No: .....

**SIXTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC19UGEO6B19 - 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. Hypogene minerals.
2. Geologic Thermometers.
3. Limitations of Lindgren's classification.
4. Formation of asbestos.
5. Exogene effect.
6. Propylitic Alteration.
7. Gash Veins.
8. Carbonated water.
9. Open sea deposition of iron.
10. Gossan.
11. Uses of Nickel.
12. Indian occurrences of Asbestos.
13. Gem stones.
14. Composition of coal.
15. Reservoir rock.

**(Ceiling: 25 Marks)**

**Part B (Paragraph questions)**

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

16. Metallogenic provinces in India.

17. Stratigraphic Control of Ore localization.
18. Early Magmatic Deposits.
19. Sublimate Deposits.
20. Residual iron concentration.
21. Occurrence and distribution of Manganese in India.
22. Explain the theories proposed to explain the origin of coal.
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 historical development of economic geology.
25. Write an essay on Metamorphic mineral deposits.
26. Write an essay on Occurrence and distribution of metalliferous deposits in India.
27. Elaborate the occurrence and distribution of barytes, gypsum, graphite, apatite and beryl.

**(2 × 10 = 20 Marks)**

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