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Name :

Reg. No :

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P GEL2 C06 - ECONOMIC GEOLOGY

(Applied Geology)

(2019 Admission onwards)

Time: 3 Hours

Maximum: 30 Weightage

Part-A

Answer any *four* questions. Each question carries 2 weightage.

1. Tenor of ore.
2. Schlieren.
3. Copper province of Singhbhum.
4. Stratabound deposits.
5. Titanium-iron oxide occurrence.
6. Lithological units hosting U mineralisation of Jaduguda.
7. Geologic settings of iron ore deposits of Bailadila.

(4 × 2 = 8 Weightage)

Part-B

Answer any *four* questions. Each question carries 3 weightage.

8. Chemical sedimentary deposits.
9. Thermometry of ores using fluid inclusions.
10. Mineral deposits in relation to plate boundaries.
11. Ore deposits in igneous rocks.
12. India's strategic minerals.
13. Distribution of coal fields in India.
14. Types of Methane hydrate deposits.

(4 × 3 = 12 Weightage)

Part-C

Answer any *two* questions. Each question carries 5 weightage.

15. Explain the major theories and associated processes of ore genesis.

16. Explain Carbonatite association and its form, settings, distribution, constitution and settings.
17. Describe the objectives and essentials of National Minera Policy 2008 of India.
18. Describe the geology and stratigraphy of major oil fields in India.

(2 × 5 = 10 Weightage)
