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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19PGEL2C06 - 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. Grade of ore.
2. Pseudosecondary fluid inclusions.
3. Metalogenic province.
4. Porphyry Cu deposits.
5. REE mineralisation in Carbonatite.
6. Magmatic origin of Thorium deposits.
7. Critical minerals of India.

(4 × 2 = 8 Weightage)

Part-B

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

8. Deposits formed in bodies of rock.
9. Ore textures.
10. Distribution and origin of Stratabound deposits.
11. Geologic setting of Chromite concentration.
12. Iron ore deposits of Bailadila.
13. Genesis and distribution of coal.
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 the association of ore minerals in mafic and ultramafic rocks.
17. Explain the salient features of National Mineral Policy of India.
18. Describe the geology and stratigraphy of major oil fields in India.

(2 × 5 = 10 Weightage)
