

24P148

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P GEL1 C04 - STRATIGRAPHY AND INDIAN GEOLOGY

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Write a short note on Principles of superposition.
2. Unconfirmity.
3. Earth magnetism and its measurable components.
4. Describe chemostratigraphy.
5. Add a note on Greenstone belt of South India.
6. Explain Kaimur group.
7. Age of saline series.

(4 × 2 = 8 Weightage)

Part-B

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

8. Describe Stenos laws with neat sketches.
9. Write a short note on strato type with proper examples.
10. Evolution of First animal and plant on earth.
11. Briefly describe precambrian with reference to Kerala and Karnataka.
12. Distinguish between eastern and western dharwar craton.
13. Explain different uplifting phases of Himalaya.
14. Boundary problems with reference to Vindyan super group.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain sequence stratigraphy, Magnetostratigraphy and Pedostratigraphy.
16. Explain Greenstone belts and granulites of south India.

17. Distinguish between Upper gondwana and lower Gondwana groups.

18. Detail on stratigraphic problems in vindhyan super group.

(2 × 5 = 10 Weightage)
