

21P151

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(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. Principles of Uniformitarianism.
2. Write a short note on Shaw's graphic correlation.
3. Describe chemostratigraphy.
4. Describe sequence stratigraphy.
5. Add a note on Greenstone belt of South India.
6. Write a note on upper Dharwar.
7. Age of saline series-in favour of Cambrian age.

(4 × 2 = 8 Weightage)

Part-B

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

8. Detail contributions of Hutton and Lyell towards stratigraphy.
9. Distinguish between magnetostratigraphy and chronostratigraphy.
10. Explain Earth's magnetism and describe the magnetostratigraphy.
11. Explain on Cheyyar and Kurnool group.
12. Add a note on Kaimur and Rewa group.
13. Three fold classification of Gondwana group.
14. Boundary problems with reference to Vindhyan super group.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain the major geological events occurred during different periods of Earth's history.
16. Detail on Sargur Schist.
17. Add a detailed note on Himalayan uplift.
18. Discussion on the stratigraphic boundary problems with reference to the indian sub continent.

(2 × 5 = 10 Weightage)
