

22P149

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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. Describe law of cross-cutting relationships.
2. Contributions of Hutton & Lyell in stratigraphic studies.
3. Describe magnetostratigraphy.
4. Write down Meteoric impact theory.
5. Detail on the Granulites of South India.
6. Explain Kaimur group.
7. Explain on the boundary controversy of Vindhyan.

(4 × 2 = 8 Weightage)

Part-B

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

8. What is meant by Global Boundary Stratotype Sections and Points?
9. Paleontological criteria for the stratigraphic correlation.
10. Write down the significance of sequence stratigraphy with proper examples.
11. Briefly describe Precambrian with reference to Kerala and Karnataka.
12. Write a note on Chithra Durga and Bababudan.
13. Rise of Himalaya.
14. Write a note on classification of Deccan traps.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain Pedo-stratigraphy and Chemo- stratigraphy.
16. Detail on Sargur Schist.
17. Geographic distribution and economic importance of Gondwana sequence.
18. Detail on the stratigraphic boundary issues of Saline series.

(2 × 5 = 10 Weightage)
