

22P146

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Name:

Reg.No:

FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P GEL1 C01 - PHYSICAL GEOLOGY AND GEOMORPHOLOGY

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Paleomagnetism.
2. What will climate do with the development of Geomorphological features?
3. Briefly describe the youth stage of Davisian theorem.
4. Elucidate the Ventifacts.
5. Kayals.
6. Soil formation and classification.
7. What are the structural weakness in a rock?

(4 × 2 = 8 Weightage)

Part-B

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

8. Thermal history of earth.
9. Theory of uniformitarianism.
10. Fluvial erosion landforms.
11. Conservation and management of wetlands in India.
12. Explain about the coastal geomorphological features of Kerala.
13. Geomorphic features of Indian subcontinent.
14. Application of geomorphology in hydrogeology.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain the planetary evolution of earth.

16. Explain the internal structure of earth as revealed from seismic studies.
17. Explain coastal geomorphology.
18. Appraise the roles of components of gravity, water content, angle of repose on mass movements.

(2 × 5 = 10 Weightage)
