

22P355

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC19P GEL3 E02b - QUATERNARY GEOLOGY

(Applied Geology)

(2019 Admission onwards)

Time : 3 Hours

Maximum : 30 Weightage

Part-A

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

1. Define Peat deposits.
2. Extrapolate Biostratigraphy.
3. Sequence major glaciations with age.
4. Mention Hot desert and Cold Desert on the globe.
5. Give an example for Mediterranean environments.
6. State Formation of Himalaya.
7. Define organic matter.

(4 × 2 = 8 Weightage)

Part-B

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

8. Explain the soil profile.
9. Describe uses of Flora and Fauna in Chronology.
10. Explain how a radio active dating method helps in Chronology.
11. Summarize about the Late Holocene solar cycles.
12. Discuss the relation ship between diatom growth and Ph.
13. Discuss about the emergence of hominids.
14. Explain the significance of Post-glacial Period.

(4 × 3 = 12 Weightage)

Part-C

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

15. Explain about the magnetic polarity of Earth.
16. Explain Dendrochronology with case studies.
17. Illustrate about the causes for Quaternary climate change.
18. Summarize the relevance of prediction of climate change.

(2 × 5 = 10 Weightage)
