

23P354

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Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(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. State ergs.
2. Explain Potassium–Calcium (K–Ca).
3. State Precession of the solstices.
4. State Anthropocene.
5. Recall last glacial maximum.
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. Illustrate about relative and absolute sea level changes.
9. Explain Uses of Fauna in Chronology.
10. Explain the events , interpret from dendrochronology.
11. Summarize about the nature of pollen and spores.
12. Explain about the teeth pattern of hominids.
13. Discuss on marine environments.
14. Define glacial cycle.

(4 × 3 = 12 Weightage)

Part-C

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

15. Discuss about the structures associated with permafrost.
16. Conclude importance of Biostratigraphy and its application.

17. Classify lacustrine environments.
18. Illustrate about the climate modelling.

(2 × 5 = 10 Weightage)
