

21P355

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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. Describe C horizon.
2. Describe spring wood and latewood.
3. Define Thermohaline circulation.
4. Define Holocene.
5. State Pollen and Spores.
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 unique characters of Quaternary.
9. Describe Lichenometry.
10. Describe Radio active dating.
11. Explain about the teeth pattern of hominids.
12. Discuss on Huronian Ice age and Cryogenian glaciations.
13. Explain about the fluctuations in the polar regions.
14. Explain about the techniques used in climate modelling.

(4 × 3 = 12 Weightage)

Part-C

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

15. Describe magnetostratigraphy.
16. Compare the Radioactive dating methods and uses of Flora and Fauna.
17. Summarize Deglaciation events.
18. Explain about the crustal movement during Post-glacial Period.

(2 × 5 = 10 Weightage)
