

20P355

(Pages: 1)

Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2021

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P GEL3 E02b - QUATERNARY GEOLOGY

(Applied Geology)

(2019 Admission onwards)

Time: Three Hours

Maximum: 30 Weightage

I. Short answer type questions. Answer any *four* questions.

1. Younger Dryas.
2. Neanderthals.
3. Pb-Pb method.
4. Sub-divisions of Holocene.
5. Ice Ages.
6. Hominids.
7. Quaternary soils.

(4 × 2 = 8 Weightage)

II. Short essay questions. Answer any *four* questions.

8. Non-radioactive dating methods.
9. Ocean sediments as archives of Quaternary climate.
10. Post glacial crustal uplift.
11. Causes of Quaternary glaciations.
12. Prediction of future climatic changes.
13. Tertiary-Quaternary boundary.
14. Lake and desert environments.

(4 × 3 = 12 Weightage)

III. Long essay. Answer any *two* questions.

15. Explain influence of Quaternary climate change on humans.
16. Describe the fauna during Pliocene-Quaternary transition period.
17. Describe the recent crustal movements and young magmatism.
18. Explain the radiocarbon dating method with the help of case studies.

(2 × 5 = 10 Weightage)
