

19P355

(Pages: 1)

Name.....

Reg. No.....

THIRD SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CBCSS-PG)

CC19P GEL3 E02b - QUATERNARY GEOLOGY

(Applied Geology)

(2019 Admission Regular)

Time : Three Hours

Maximum : 30 Weightage

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

1. Australopithecus
2. Pliocene-Quaternary transition
3. Non-radioactive techniques
4. Pelagic sediments
5. Little Ice Age
6. Last glacial maximum
7. Brunhes–Matuyama reversal

(4 × 2 = 8 Weightage)

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

8. Radiocarbon dating method
9. Holocene Climatic Optimum
10. Terrestrial Quaternary deposits
11. Post glacial crustal uplift.
12. Recent crustal movements
13. Hominids
14. Quaternary soils

(4 × 3 = 12 Weightage)

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

15. Explain the Milankovitch cycles and causes of Quaternary glaciations.
16. Explain the Sea Level changes during Quaternary period.
17. Describe the different environments in which Quaternary sediments are deposited.
18. Explain the methods of climate modelling and prediction of climate change.

(2 × 5 = 10 Weightage)
