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(Pages: 2)

Name:

Reg.No:

SEVENTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2024

(CBCSS)

(Regular/Supplementary/Improvement)

CC20 GLO7 IB15 - ADVANCED STRATIGRAPHY

(Geology)

(2020 Admission onwards)

Time : Three Hours

Maximum : 80 Marks

Credit : 4

(Draw neat sketches, wherever necessary)

Section A

I. Answer in one or two sentences. Answer any *ten* questions. Each question carries 2 marks.

1. Define Liquefaction.
2. Define LST.
3. Major mass extinctions.
4. EDC
5. Subathu facies.
6. Otoceras zone.
7. Kota stage.
8. Hedenstroemia beds.
9. Kallamedu formation.
10. Malwa Plateau.
11. Neogene deposits of Jammu and Kashmir.
12. Meghalayan age.

(10 × 2 = 20 Marks)

Section B

II. Write short notes on any *five* of the following. Each question carries 8 marks.

13. Give a detailed description of the lithostratigraphic correlation.
14. Brief account on Precambrian stratigraphy.
15. Give a detailed description of Proterozoic sedimentary basins in India.
16. Give a detailed description of Lithology of Panjal volcanic and Zewan formation.

17. Stratigraphic range of mega plant fossils in Lower Gondwana.
18. Elaborate the Significance of K/T Boundary.
19. Summary of Fauna and flora assemblages of Cenozoic era.

(5 × 8 = 40 Marks)

Section C

III. Write long essay on any *two* of the following. Each question carries 10 marks.

20. Explain the types of Unconformity and their importance in Stratigraphy.
21. Write an essay on the stratigraphic sequences of the Cuddapah supergroup.
22. Explain Fauna and Flora of Jurassic of Kutch.
23. Detailed Geology of Kerala.

(2 × 10 = 20 Marks)
