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Name:

Reg.No:

SEVENTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2025

(CBCSS)

(Regular/Supplementary/Improvement)

CC20GLO7IB15 - 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. Write a short note on Volcanic debris flows.
2. Define Forced regression.
3. Major mass extinctions.
4. Kaladgi basin.
5. Lidder group.
6. Palynomorphs.
7. Climatic condition of Lower Gondwana Sequence.
8. Kioto formation.
9. Daonella limestone.
10. Age of Rehmanni bed.
11. Burdigalian deposits of Kachchh Gujarat.
12. Neogene deposits of Maharashtra.

(10 × 2 = 20 Marks)

Section B

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

13. Give the hierarchical classification and definition of Biostratigraphic units. Discuss the methods of Biostratigraphic correlation.
14. Write a short note on the geology of Mahakoshal group.

15. Fossil assemblages of Precambrian/Cambrian boundary.
16. Discuss the Palaeozoic flora.
17. Describe the Floral assemblages of upper gondwana.
18. Give an short note on Regional stratigraphy of DVP.
19. Write explanatory note on Lithostratigraphy of Kerala.

(5 × 8 = 40 Marks)

Section C

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

20. International code of stratigraphic nomenclature for lithostratigraphic classification.
21. Give an account of Precambrian geochronology of India.
22. Explain Fauna and Flora of Cretaceous of Thiruchirapalli.
23. Write a note on Tectonic setting and structure of Siwalik supergroup.

(2 × 10 = 20 Marks)
