

**22I603**

(Pages: 2)

Name : .....

Reg. No : .....

**SIXTH SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, APRIL 2025**

(CBCSS)

(Regular/Supplementary/Improvement)

**CC20 GLO6 IB11 - STRATIGRAPHY AND INDIAN GEOLOGY**

(Geology)

(2020 Admission onwards)

Time: 2 Hours

Maximum: 60 Marks

Credit: 3

**Part A** (Short answer questions)

Answer ***all*** question. Each question carries 2 marks.

1. What is law of Lateral continuity?
2. Define Blended unconformity.
3. Define Concurrent Range zone.
4. Sargur supracrustals.
5. What is SGT?
6. Debari formation.
7. Papaghni series.
8. Purple Sandstone.
9. Megalodon limestone.
10. Chari formation.
11. Age of Deccan Traps.
12. Surma Group.

**(Ceiling: 20 Marks)**

**Part B** (Short essay questions - Paragraph)

Answer ***all*** question. Each question carries 5 marks.

13. Indian Time Scale.
14. Write a note on singhbhum craton.
15. Write a note on the paleo climatic condition, which was prevailing during the Palaeozoic Era.
16. Classification of Gondwana Supergroup.

17. Lithostratigraphy of Siwaliks.
18. Tertiaries of Tamil Nadu.
19. Archean Continental Crust of Kerala.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

Answer any *one* question. The question carries 10 marks.

20. Explain in detail of Lithostratigraphic and Chronostratigraphic classification.
21. Write an essay on stratigraphic sequence of Vindhyan supergroup.

**(1 × 10 = 10 Marks)**

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