

22U528

(Pages: 2)

Name:

Reg.No:

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO5 B10 - STRATIGRAPHY AND SEDIMENTOLOGY

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Criteria to identify top and bottom of beds.
2. Late Devonian Mass extinction.
3. Bio-zone.
4. Hydrolysis.
5. Bitumens.
6. Lamination.
7. Desert pavements.
8. Terrarossa.
9. Sandstone.
10. Ilmenite.
11. Diatomite.
12. Guruvayoor formation.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Applications of lithostratigraphy.
14. Explain the types of Chronostratigraphic units.
15. Rudaceous deposits.
16. Arenites.
17. Factors affecting precipitation of CaCO_3 in sea water.

18. Characteristics and classification of coal.

19. Explain the formation and types of chert.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Concept of sedimentary facies. Elaborate on litho and bio facies.

21. Textures of sedimentary rocks.

(1 × 10 = 10 Marks)
