

20U524

(Pages: 2)

Name:

Reg.No:

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(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. Walther's law.
2. Abundance zone.
3. Chronozone.
4. Orthochemical constituents.
5. Point bar deposits.
6. Ooids.
7. Cannel coal.
8. Kaolinite.
9. Limestone.
10. Kieselghur.
11. Anthracite.
12. Vembanadu formation.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Geopetal structures.
14. Explain types of litho stratigraphic units.

15. Authigenic constituents of sedimentary rock.
16. Implications of sedimentary structures on palaeo-environments.
17. Graphical and Mathematical Treatment of Grain-Size Data.
18. Rudaceous deposits.
19. Important heavy minerals of beach sands of Kerala.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on Physical and Biological criterias for correlation.
21. Arenaceous deposits. Elaborate on Classification of Sandstones.

(1 × 10 = 10 Marks)
