

**23U524**

(Pages: 2)

Name: .....

Reg.No: .....

**FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2025**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC19UGEO5B10 - 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. Biofacies.
2. Interval zone.
3. Eon.
4. Lenticular bedding.
5. Pipette analysis.
6. Diamictite.
7. Intraclasts.
8. Bituminous coals.
9. Difference between breccia and conglomerate.
10. Flint.
11. Ilmenite.
12. Vembanadu formation.

**(Ceiling: 20 Marks)**

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

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

13. Geopetal structures.
14. Applications of lithostratigraphy.
15. Diagenetic stages and regimes.
16. Terrigenous siliciclastic particles of sedimentary rock.

17. Arenaceous deposits.
18. Clay deposits formed by residual concentration.
19. Formaion of radiolarian chert.

**(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. Add a short note on Homotaxis.
21. Sediment Depositional environments and processes.

**(1 × 10 = 10 Marks)**

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