

25U209S

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - UG)

CC19UGEO2B03 - DYNAMIC GEOLOGY AND GEO INFORMATICS

(Geology - Core Course)

(2019 to 2023 Admissions - Supplementary)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Millet Seed sands.
2. Varve deposits.
3. Consequent and Subsequent streams.
4. Parallel drainage pattern.
5. Potholes.
6. Knick Points.
7. Water table.
8. GIS
9. Georeferencing.
10. Hyperspectral data.
11. Push Broom Sensor.
12. Radiometric resolution.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Explain the process of biological weathering. Give appropriate examples.
14. Explain the process of transportation by wind.
15. Explain the processes that control the movement of glacier.
16. Explain Artesian well with diagram.
17. Components of GIS.

18. Application of GIS in ground water.

19. Atmospheric scattering.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on the geological work of groundwater.

21. Write an essay on application of GIS in geology.

(1 × 10 = 10 Marks)
