

20U209

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2021

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U GEO2 B03 - DYNAMIC GEOLOGY AND GEOINFORMATICS

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Weathering.
2. Cirque.
3. Trellis pattern.
4. Pediment.
5. Permiability.
6. Artesian wells.
7. Lapies.
8. Components of Remote Sensing.
9. Georeferencing.
10. Mie Scattering.
11. Multispectral data.
12. Spectral resolution.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Types of Aquifers.
14. Formation of glacier.
15. How do a typical stream form.
16. Peneplanation and rejuvenation.
17. Explain the origin of karst topography.
18. Sensors and Platforms in Remote Sensing.
19. Application of GIS in mineral exploration.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on the geological work of wind.
21. Write an essay on components of GIS. Elaborate on types of data.

(1 × 10 = 10 Marks)
