

21U209

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2022

(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* questions. Each question carries 2 marks.

1. What is deflation?
2. Hanging Valley.
3. Cavitation.
4. Radial pattern.
5. Water table.
6. Aquifuge.
7. Karst valley.
8. Types of data.
9. Projection.
10. Radient Flux.
11. Hyperspecral data.
12. Radiometric resolution.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. What are the factors affecting weathering?
14. Types of glacier.

15. Erosional landforms of stream.
16. Define base level and discuss how it affects erosion.
17. Depositional landforms produced by groundwater.
18. Application of GIS in ground water.
19. Platforms and sensors.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on depositional and erosional landform of wind with neat diagram.
21. Write an essay on application of GIS in geology.

(1 × 10 = 10 Marks)
