

23U209

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024
(CBCSS - UG)
(Regular/Supplementary/Improvement)
CC19U GEO2 B03 - DYNAMIC GEOLOGY AND GEO INFORMATICS
(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. Yardang.
2. Fiords.
3. Consequent and Subsequent streams.
4. Potholes.
5. Porosity.
6. Geode.
7. Stalagmite and Stalagmite.
8. GIS
9. Components of GIS.
10. Remote sensing.
11. Whisk Broom Sensor.
12. Spectral resolution.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Difference between weathering and erosion.
14. Erosional processes associated with glacier.
15. Explain the various drainage patterns.
16. Features associated with peneplanation and rejuvenation.

17. Aquifers.
18. Georeferencing.
19. Application of GIS in ground water.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write a essay on the geological work of wind.
21. Write an essay on application of GIS in Mineral Exploration.

(1 × 10 = 10 Marks)
