

**21I505**

(Pages: 2)

Name: .....

Reg.No: .....

**FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2023**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC20U GLO5I D01 - GEOSCIENCE AND ENVIRONMENT**

(Integrated Geology - Open Course)

(2020 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. Geochemistry.
2. Aquifuge.
3. Products of weathering and mention its importance.
4. Types of masswasting.
5. Alluvial cone.
6. Volcanic crater.
7. Development of cracks or rupture on lithosphere.
8. Love waves.
9. Fore shock.
10. Ozone hole.
11. Sewage water.
12. Sanitary Landfill.

**(Ceiling: 20 Marks)**

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

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

13. Openwell and borewell. Explain intermittend well.
14. Depositional landforms of ocean.
15. Discuss about the aeolian landforms.
16. Discuss about the glacial erosional landforms.

17. Distinguish between Intermediate focus and deep focus Earthquakes.
18. Scales used to measure Earthquake.
19. Explain the behaviour of greenhouse gases.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

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

20. Internal structure of the Earth with neat sketches.
21. Explain the working of a typical Seismograph with a suitable diagram. Draw a Seismogram and mark the arrival of first P wave, first S wave, and first surface wave.

**(1 × 10 = 10 Marks)**

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