

**23I505S**

(Pages: 2)

Name: .....

Reg.No: .....

**FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2025**

(CBCSS - UG)

(Regular/Supplementary/Improvement)

**CC20UGLO5ID01 - GEOSCIENCE AND ENVIRONMENT**

(Integrated Geology)

(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. Hydrogeology.
2. Artesian well.
3. Hydration.
4. Alluvial fan.
5. U shaped valley.
6. Pillow lava.
7. Volcanic bomb.
8. Secondary waves.
9. Chlorofluorocarbons.
10. UVA and UVB rays.
11. Air pollution.
12. Best Management Practices (BMP).

**(Ceiling: 20 Marks)**

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

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

13. Zone of aeration and zone of saturation.
14. Rapid mass movements.
15. Depositional landforms of ocean.
16. Write a note on aeolian landforms.

17. Distinguish between Intermediate focus and Shallow focus Earthquakes.
18. Twelve divisions of Mercalli scale.
19. Effects of Tsunami.

**(Ceiling: 30 Marks)**

**Part C (Essay questions)**

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

20. Describe Earth's internal structure with neat sketches.
21. Give a brief description of Seismographs, Seismograms, and Seismometers. Explain the working of a Seismograph with a suitable diagram.

**(1 × 10 = 10 Marks)**

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