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(Pages: 2)

Name: .....

Reg.No: .....

**FIFTH SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2024**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC20U GLO5 ID01 - 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. Palaeontology.
2. Atmospheric precipitations.
3. Potholes.
4. Aeolian structures.
5. Moraines.
6. Bulk Modulus.
7. Shallow focus Earthquakes.
8. Richter scale.
9. Main shock.
10. Short wave radiation.
11. Acid rain.
12. Incineration.

**(Ceiling: 20 Marks)**

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

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

13. Difference between Confined and Unconfined aquifer.
14. Explain weathering process.
15. Explain triggers for rapid mass wasting.
16. Geological work of ocean.
17. Volcanic Products.

18. Elastic rebound theory.

19. Seismogram and Seimograph.

**(Ceiling: 30 Marks)**

**Part C** (Essay questions)

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

20. Explain Earth layers and discontinuities with neat sketches.

21. Write an essay on Ozone layer depletion. Add a note on Antarctic Ozone hole. Suggest the measures which can be taken to prevent ozone depletion.

**(1 × 10 = 10 Marks)**

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