

22U160

(Pages: 2)

Name:

Reg.No:

FIRST SEMESTER M.Sc. INTEGRATED GEOLOGY DEGREE EXAMINATION, NOV. 2022

(CBCSS - PG)

(Regular/Supplementary/Improvement)

CC20U GEO1 IB01 - EARTH AND ENVIRONMENT

(Geology)

(2020 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Weightage

Credit: 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Palaeontology.
2. Shape of the Earth.
3. Constructive plate margin.
4. GTS
5. Silicates.
6. Axial surface.
7. Structural analyses.
8. Landslides and rock falls.
9. Classification of volcano on the basis of activeness.
10. Liquid Volcanic products.
11. Dome mountains and fault mountains.
12. Origin of Tsunami.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Nebular Hypothesis and Gaseous and Tidal Hypothesis.
14. Pseudomorphism.
15. Types of Rocks.
16. Rock Cycle.

17. Hazards due to volcanic ash.
18. Explain Isostasy and describe Airy and Heiskane's theory.
19. Seismic waves.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Write an essay on different methods for determining the age of the earth.
21. Write an essay on Earthquakes. Add short note on its magnitude and Intensity.

(1 × 10 = 10 Marks)
