

**M. SC. (ENVIRONMENTAL
SCIENCE)
(MSCENV)**

Term-End Examination

June, 2025

MEV-012 : EARTH PROCESSES

Time : 3 Hours

Maximum Marks : 100

Note : Answer any ***ten*** questions. All questions carry equal marks.

1. What is meant by weathering ? Describe its types with suitable examples. 10
2. Describe the hydrological cycle. Explain the distribution of water in the earth's crust. 10

3. Write short notes on the following : 5+5
- (a) Earthquakes
 - (b) Earth's radiation balance
4. Describe the earth's magnetic and thermal fields. 10
5. What is seafloor spreading ? Explain with suitable examples. 10
6. Define minerals. Explain briefly about chemical classification of minerals. 10
7. Describe plate boundaries and hotspots with suitable examples. 10
8. Briefly describe the geological time scale. 10
9. Define precipitation. Describe the types of precipitation. 10
10. Distinguish between intrusive and extrusive igneous rocks. 10
11. What are the causes and types of mass movement ? Explain in detail. 10

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12. Briefly explain the following with examples : 5+5

(a) Cyclones

(b) Volcanoes

13. Define famine. Explain various factors that are responsible for famine. 10

14. What is a pandemic disease ? Explain with suitable examples. 10

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