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MEV-012

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

Term-End Examination

December, 2022

MEV-012 : EARTH PROCESSES

Time : 3 Hours

Maximum Marks : 100

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

1. Describe the composition of crust, mantle and core. 10
2. Explain the geological time scale. 10
3. Explain plate boundaries and hotspots. 10
4. Describe the common rock forming mineral groups. 10
5. Write short notes on the following : 5+5
 - (a) Physical Weathering
 - (b) Chemical Weathering

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6. Describe South-West and North-East Monsoons. 10
7. Define soil moisture. Explain different soil moisture zones. How can soil moisture be estimated ? 10
8. Explain the various types of natural hazards. 10
9. Define famine. Discuss the various factors that are responsible for famine. 10
10. What is a Pandemic ? Explain with a case study. 10
11. Briefly discuss wildfires with their impacts on human beings and the environment. 10
12. Describe civil strife. What is the difference between war and conflicts ? 10
13. Describe solar system formation and planetary differentiation. 10
14. Write short notes on the following : 5+5
 - (a) Cyclones
 - (b) Volcanoes