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**MEV-012**

**M. SC. (ENVIRONMENTAL**

**SCIENCE) (MSCENV)**

**Term-End Examination**

**December, 2025**

**MEV-012 : EARTH PROCESSES**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) *Answer any **ten** questions.*

(ii) *Each question carries 10 marks.*

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1. What are the trends observed in the rise of sea level ? Explain.

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2. Define drought. Explain the factors that are responsible for drought.
3. What is soil moisture ? Describe the various soil moisture zones. How can the moisture in soil be determined ?
4. What is diffusion ? Describe the factors which affect diffusion.
5. What is blow up fire ? Explain its impacts on humans and the environment.
6. Describe South-West and North-East Monsoons.
7. Explain the various types of natural hazards with suitable examples.

8. Define Epidemic. Explain epidemics with a suitable case study.
9. What are air masses ? Describe its classification.
10. Write short notes on the following :
- (a) Convergent Plate Boundaries
  - (b) Divergent Plate Boundaries
11. What is temperate cyclone ? Explain the different stages of progression of temperate cyclone.
12. Define heat budget of earth. Explain in detail with the help of a diagram.

13. Describe the various impacts caused by earthquakes.

14. Write short notes on the following :

(a) Jet Streams

(b) El-Nino

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