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MEVE-019

**MASTER OF SCIENCE
(ENVIRONMENTAL SCIENCE)**

(MSCENV)

Term-End Examination

December, 2023

MEVE-019 : ENVIRONMENTAL ISSUES

Time : 3 Hours

Maximum Marks : 100

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

1. Write short notes on the following : 5+5=10
 - (a) Acid precipitation
 - (b) Heat waves

2. Describe the sources and impacts of volatile organic compounds. 10

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3. Explain the impacts of climate change. 10
4. Give an account on the formation and dissociation of ozone. 10
5. Explain the impacts of persistent organic pollutants on human health. 10
6. Discuss the impacts of biodiversity loss. 10
7. Discuss the key strategies for conserving biodiversity. 10
8. Explain the impacts of crop biomass burning. 10
9. Write short notes on the following : 5+5=10
 - (a) Biomass management practices
 - (b) Bio-methanation
10. Define land degradation. Describe the causes and impacts of land degradation. 2+8=10
11. Write short notes on the following : 5+5=10
 - (a) Waste hierarchy
 - (b) Marine pollution

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12. Give an account of the sources, impacts and management of fluoride pollution. 10
13. Write short notes on the following : 5+5=10
- (a) Food security
 - (b) Sustainable buildings
14. What is sustainable development ? Explain the genesis of sustainable development goals. 2+8=10