

No. of Printed Pages : 3

**MEV-018**

**MASTER OF SCIENCE  
(ENVIRONMENTAL SCIENCE)  
(MSCENV)**

**Term-End Examination**

**December, 2025**

**MEV-018 : ENVIRONMENTAL HEALTH AND  
ECOTOXICOLOGY**

*Time : 3 Hours*

*Maximum Marks : 100*

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

(ii) *All questions carry equal marks.*

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1. What are the pre-requisites of a healthy environment ? Explain in brief. 10

2. Explain the difference between degradable and non-degradable toxic substances with examples. 10
3. Discuss the biochemical aspects of Arsenic and Cadmium. 5+5
4. Describe the concept of bioaccumulation and biomagnification in detail. 5+5
5. Elucidate the historical account of the concept of health. 10
6. How do environmental phenomena affect the quality of human health ? Explain. 10
7. Describe the steps involved in Public Health Surveillance. 10
8. Define epidemiology. Explain the factors influencing the epidemiological issues. 10

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9. What measures do you propose to reduce indoor air pollution in closed spaces ? 10
10. Differentiate between infection and intoxication. 10
11. Explain the types of environmental monitoring in detail. 10
12. How does sedentary lifestyle contribute to poor health of the people ? 10
13. Write the differences between Frequency Response and Cumulative Response. 10
14. What are Mutagens ? Explain the types of mutagens in detail. 2+8

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