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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

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

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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

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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