

**M. SC. (ENVIRONMENTAL
SCIENCE) (MSCENV)
Term-End Examination
June, 2026**

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. What are teratogens ? Explain the mechanism of the action of teratogens. 2+8
2. Explain the factors determining the distribution of toxicants in the human body.

10

3. Explain the steps involved in environmental sampling. 10
4. What are the primary and secondary strategies to prevent diabetes ? 10
5. What are waterborne diseases ? Explain the symptoms and causes of any *two* waterborne diseases. 2+8
6. Discuss the types of respiratory diseases caused due to viruses. 10
7. What causes goiter ? What measures should be taken to control goiter ? 2+8
8. Discuss the concept of Health Economics. 10
9. Discuss the foundations of Environmental Health. 10
10. What is the meaning of “Natural History of Diseases” ? How can it be classified ? 2+8

[3]

11. How do ecosystem characteristics influences
the fate and transport of toxicants ? 10
12. Describe the biochemical aspect of mercury
in detail. 10
13. Explain the principles of environmental
health. 10
14. What biological factors determine the
toxicity of compounds ? Explain. 10

× × × × ×