

**M.SC. (ENVIRONMENTAL SCIENCE)
(MSCENV)**

Term-End Examination

December, 2022

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

Time : 3 hours

Maximum Marks : 100

Note : *Attempt any **ten** questions. Each questions carries equal marks.*

1. Define epidemiology. Explain the factors determining the epidemiological issues. 2+8

2. What are foodborne diseases ? Differentiate between foodborne infection and foodborne intoxication. 2+8

3. Describe the relationship between environment and human health. 10

4. What is well-being ? How does physical well-being differ from mental well-being ? 2+8

5. Explain the direct and indirect exposure pathways of toxicants entry into the human body. 10
6. What do you mean by iceberg of disease ? How is this phenomena related to chronic diseases ? 5+5
7. Explain the adverse effects of any two heavy metals on human health. 5+5
8. What are carcinogens ? Classify the carcinogens into various categories. 2+8
9. Throw light on the dimensions and determinants of good health. 5+5
10. What do you mean by environmental monitoring ? What are its various types ? 2+8
11. Write short notes on the following : 5+5
- (a) Teratogens
 - (b) Bio-accumulation
12. What are lifestyle diseases ? Explain the causes and health hazards of any one lifestyle disease. 2+8