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MEVE-003

**POST GRADUATE DIPLOMA IN
ENVIRONMENTAL AND
OCCUPATIONAL HEALTH
(PGDEOH)**

Term-End Examination

June, 2025

**MEVE-003 : AGRICULTURE AND ALLIED
SECTORS**

Time : 3 Hours

Maximum Marks : 100

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

1. What are pesticides ? Classify the pesticides based on the type of pest and mode of action. 10
2. Write short notes on the following : 5+5=10
 - (a) Fate of pesticides in environment
 - (b) Insecticidal poisoning

3. What is soil erosion ? Explain the different types of soil erosion. 10
4. What is desertification ? Explain the causes and impacts of desertification on human health. 10
5. Explain the economic, environmental and social impacts of invasive species. 10
6. Write short notes on the following : 5+5=10
 - (a) Farm animal waste
 - (b) Greenhouse gases emissions from livestock rearing
7. Write short notes on the following : 5+5=10
 - (a) Sources of aquaculture pollutants
 - (b) Occupational hazards in aquaculture
8. What is biological pest control ? Explain the characteristic features and application of predators and parasitoids in pest management. 10

9. What are botanicals ? Explain the key features of botanicals in agricultural pest management with suitable examples. 10
10. What are biofertilizers ? Explain the features and application of nitrogen fixing and phosphate solubilizing micro-organisms in agriculture. 10
11. Explain the concept of traceability in agriculture and food supply chain. 10
12. Write short notes on the following : 5+5=10
- (a) Food poisoning
 - (b) Food infection
13. Explain the factors causing the emergence of zoonotic diseases. 10
14. Define food loss and waste. Explain the causes and types of food loss and waste. 10

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