

No. of Printed Pages : 4

**MEV-001**

**POST GRADUATE DIPLOMA IN  
ENVIRONMENTAL AND  
OCCUPATIONAL HEALTH (PGDEOH)  
Term-End Examination  
June, 2023**

**MEV-001 : INTRODUCTION TO  
ENVIRONMENTAL HEALTH**

*Time : 3 Hours*

*Maximum Marks : 100*

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***Note :** Answer any **six** questions in Section **A**. Each question carries 5 marks. Answer any **seven** questions in Section **B**. Each question carries 10 marks.*

**Section—A**

**Note :** Attempt any **six** questions. Each question carries 5 marks. 6×5=30

1. Describe briefly about Ecological Efficiency.

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2. Write a short note on soil conservation.
3. What is the range of pollution index ? Explain.
4. What is the nature of effluents generated in the textile industry ? Describe in brief.
5. Explain and give *two* advantages of each of the following :
  - (a) Geothermal Energy
  - (b) Bio Energy
6. What are the adverse health effects of UV radiation ? Enlist.
7. Describe in brief about carbon cycle.
8. Explain the biological effects of Nuclear radiation.

### Section—B

**Note :** Attempt any *seven* questions. Each question carries 10 marks. 7×10=70

9. What is the significance of energy flow in ecosystem ? Explain.
10. Explain the causes of environmental degradation.
11. Define the following. Give *one* example of each :
  - (a) Renewable energy
  - (b) Eutrophication
  - (c) Denitrification
  - (d) Ecological footprint
  - (e) Global warming potential
12. Describe the health impacts of particulate matter and their precautionary measures.
13. What are different segments of the environment ? Write any *three* ecological functions of atmosphere.
14. What are the environmental and health impacts of air pollution due to SO<sub>x</sub> ? Explain.

15. What is e-waste ? What are the effects of e-waste pollution on the environment ?
16. What are non-auditory effects of noise pollution ? Explain.
17. What are the steps involved in environmental water monitoring ? Explain.