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MEV-001

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

Term-End Examination

December, 2021

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

Time : 3 Hours

Maximum Marks : 100

*Note : Answer all questions as per the instruction
given in each Section.*

Section—A

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

1. What are major human impacts on environment ?

2. Explain briefly about radiation pollution.
3. List the sources of water pollution.
4. Explain Nitrogen Cycle.
5. Write a short note on global warming potential.
6. Explain about the drinking water standards.
7. Describe about environmental monitoring system.
8. Define e-wastes. Enlist different types of e-wastes.

Section—B

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

1. How are following contributing to soil pollution ?
 - (a) Industry
 - (b) Agriculture

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- (c) Urban waste
 - (d) Nuclear waste
 - (e) E-wastes
2. Explain about nuclear hazards and their controlling measures.
 3. Explain various types of water pollutants, their sources and health effects.
 4. Explain about ecological pyramids.
 5. Explain any *two* preventive measures of soil pollution.
 6. Explain the following water treatment methods :
 - (a) Ozone treatment
 - (b) UV radiation treatment
 7. Explain in brief the following physicochemical and biological parameters of water :
 - (a) Total suspended solids

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- (b) pH
 - (c) Dissolved oxygen
 - (d) Biological oxygen demand
8. Explain the effects of solid waste pollution on aquatic life and human health.
 9. Explain water quality and water quality monitoring.

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