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MEV-004

**P.G. DIPLOMA IN ENVIRONMENTAL
AND OCCUPATIONAL HEALTH
(PGDEOH)**

Term-End Examination

June, 2024

**MEV-004 : ENVIRONMENTAL
TOXICOLOGY**

Time : 3 Hours

Maximum Marks : 100

- Note :** (i) Attempt any *four* questions from Section A.
(ii) Attempt any *four* questions from Section B.
(iii) All questions in Section A carry 10 marks each and in Section B carry 15 marks each.

SECTION–A

1. Describe the various sources of toxicants. 10
2. Explain the various classes of chemical toxicants. 10
3. Describe biomarkers giving examples. 10
4. Explain Nephrotoxicants with examples. 10

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5. Discuss Biological Toxicants with the help of examples. 10
6. Explain the distribution of toxins in the human body. 10

SECTION–B

7. Describe the various sources of carcinogens and their effects. 15
8. Describe the various types of mutagens and their mode of action. 15
9. Explain the importance of biosensors for Environmental Monitoring. 15
10. Discuss the various methods involved in the remediation of soil. 15
11. Explain the mechanism of detoxification in the human body. 15
12. Discuss the importance of biotransformation in humans with an example. 15
