

MA in Environmental and Occupational Health
MEV-004: ENVIRONMENTAL TOXICOLOGY
TUTOR MARKED ASSIGNMENT

Programme Code	: MAEOH
Course Code	: MEV-004
Course Title	: Environmental Toxicology
Assignment Code	: MEV-004/TMA-01/2022-2023
Coverage	: All Blocks

Maximum Marks 100

Attempt any five questions. All questions carry equal marks.

5x20=100

1. Define Environmental toxicology. Describe some sources of toxicants harmful to the environment and human health.
2. Describe the various exposure routes of toxicants in the human body with suitable examples.
3. What are chemical toxicants? Describe in detail the exposure classes with reference to air, water and soil pollutants.
4. Describe carcinogens and their effects on the human body.
5. Write short notes on:
 - a) Mutagens
 - b) Detoxification
6. Explain the various sources of teratogens and their effects. Describe the process of teratogenesis and the mechanism of action.
7. Explain the use of biomarkers and biosensors in cytotoxicity and genotoxicity prevention.