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MEV-018

**M. SC. (ENVIRONMENTAL SCIENCE)
(MSCENV)**

Term-End Examination

June, 2024

**MEV-018 : ENVIRONMENTAL HEALTH AND
ECOTOXICOLOGY**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **ten** questions.

(ii) Each question carries equal marks.

1. Define carcinogens. Classify the carcinogens on the basis of functional aspect and mode of action. 2+8
2. Explain the concept of dose-response relationship. 10

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3. Elucidate the cases of obesity. Why childhood obesity is rising these days ? 5+5
4. Explain the Economics of Environmental Health. 10
5. Define epidemiology. Explain the factors influencing the epidemiological issues. 2+8
6. Illustrate the government initiatives to promote environmental sanitation. 10
7. What is ecotoxicology ? Highlight the biological factors affecting the toxicity. 2+8
8. What is physical dimension of health ? Explain the components of physical health. 5+5
9. Explain the direct and indirect exposure pathways of the entry of toxic materials in human body. 10

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10. Describe in detail the methods of detecting and identifying carcinogens in human body. 10
11. Throw light on the various concepts of evolution of health. 10
12. What do you mean by environmental health ? Explain the elements of a good environmental health. 5+5