

M. SC. (ENVIRONMENTAL SCIENCE)

(MSCENV)

Term-End Examination

June, 2022

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) *Each question carries 10 marks.*

1. What is Environmental Quality ? Suggest any *ten* measures to enhance the environmental quality of your surroundings. 2+8
2. What is the relation between lifestyle factors and risks of developing cardiovascular diseases ? 10

3. How can water-borne diseases be prevented ?
Explain any *five* measures. 10
4. What are mutagens ? Explain its
classifications. 2+8
5. How do biotic and abiotic factors affect the
metabolism of toxic substances in the
environment ? 10
6. Explain the concept of Health Economics and
elucidate its importance. 5+5
7. Explain the mechanism of distribution of
toxicants in human body. 10
8. Write short notes on the following : 5+5
 - (a) Physical Quality of Life Index
 - (b) Concept of causation
9. Explain the importance of Public Health
Surveillance. 10
10. How laboratory and clinical diagnosis of food
borne disease is carried out ? Explain in brief.

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11. Write a note on any *one* important programme launched by the Government for the promotion of Environmental Health. 10
12. Explain the biochemical nature of Arsenic and Cadmium. 5+5