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MEV-015

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

Term-End Examination

June, 2025

**MEV-015 : ENVIRONMENTAL POLLUTION
CONTROL AND MANAGEMENT**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Attempt any **ten** of the following questions.

(ii) Each question carries equal marks.

1. Elucidate the role of source transport receptor system in air pollution studies. 10

2. Explain the role of various meteorological factors in influencing air quality. 10
3. Define Water Quality Index. What is the procedure of developing Water Quality Index ? 10
4. What do you mean by soil structure ?
Classify soil on the basis of its structure. 2+8
5. Elaborate the mechanism of measuring and detecting radiation intensity. 10
6. Describe the causes of thermal pollution. 10
7. What measures should be undertaken to minimise the effects of oil pollution in oceans ? Explain. 10

8. Differentiate between noise and sound. How is sound intensity measured ? 2+8
9. Explain the gravitational settling and cyclonic separation method of controlling particulate pollutants. 5+5
10. Throw light on some of the physical methods of wastewater treatment. 10
11. Suggest some methods to control noise pollution at the level of source of noise generation. 10
12. Explain the low level, intermediate level and high level radioactive wastes with examples. 10

13. Describe the physical and chemical properties of solid wastes. 10
14. Explain the categories of biomedical wastes giving appropriate examples. 10

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