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MEV-015

M. SC. (ENVIRONMENTAL SCIENCE)

(MSCENV)

Term-End Examination

December, 2025

MEV-015 : ENVIRONMENTAL POLLUTION,

CONTROL AND MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

(ii) *Each question carries equal marks.*

B-1681/MEV-015

P. T. O.

1. Describe the sources and types of municipal wastes. 10
2. Explain the treatment options for non-hazardous industrial wastes. 10
3. Differentiate between biodegradable and non-biodegradable wastes giving examples. 10
4. What are the types of nuclear power plants ?
Throw light on the components of nuclear power plants. 5+5
5. “Noise pollution is a silent killer.” Justify the statement by explaining non-auditory effects of noise pollution. 10
6. What safety measures and precautions must be taken at the nuclear power plants to avert risk ? Discuss. 10

7. Highlight the role of microorganisms in the biological treatment of waste water. 10
8. Explain the wet and dry processes of reducing SO₂ concentration in industrial emissions. 10
9. What are the sources of noise pollution in urban areas ? Explain. 10
10. Discuss the economic and environmental effects of soil pollution. 10
11. Describe the genetic and somatic effects of radioactive pollution. 10
12. What are the natural and anthropogenic soil pollutants ? Describe in brief. 10

13. Describe the role of water pollution in altering various water quality parameters of a river. 10
14. Define Air Quality Index. Explain its *six* categories. 2+8

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