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MEV-014

M. SC. (ENVIRONMENTAL SCIENCE)

(MSCENV)

Term-End Examination

December, 2025

MEV-014 : SUSTAINABLE NATURAL

RESOURCE MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

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1. Differentiate between inexhaustible and exhaustible resources. Discuss the value and importance of natural resources. 4+6

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2. Describe the distribution of water resources on the earth. Explain the consequences of overexploitation of water resources. 5+5
3. Explain the distribution of mineral resources of India. 10
4. What is soil ? Describe physical, chemical and biological properties of soil. 2+8
5. Describe forest and wildlife resources and their use in India. 10
6. Write short notes on any *two* of the following : 2×5=10
 - (i) Livestock resources
 - (ii) Fishery resources
 - (iii) Agriculture resources

7. Explain the effect of fossil fuel emission on public health and climate. Suggest the alternative source. 6+4
8. Describe conventional and non-conventional sources of energy. 10
9. Write notes on any *two* of the following : 2×5=10
- (i) Solar energy
 - (ii) Hydropower energy
 - (iii) Wind energy
 - (iv) Geothermal energy
10. Give an overview of conversion technologies for bioenergy production and explain national policy on biofuels. 5+5

11. Explain economics of renewable resources and resource planning. 5+5
12. Describe approaches for natural resource conservation. 10
13. Discuss schemes and programmes for natural resource conservation and sustainable livelihood. 10
14. Explain any *five* green practices for conservation of natural resources. 10

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