

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

**Term-End Examination**

**June, 2022**

**MEV-014 : SUSTAINABLE NATURAL RESOURCE  
MANAGEMENT**

*Time : 3 hours*

*Maximum Marks : 100*

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**Note :** Answer any **ten** questions. All questions carry equal marks.

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1. What are Natural Resources ? Differentiate between Exhaustible and Inexhaustible resources with suitable examples. 2+8=10
2. Explain the uneven distribution of water on the Earth's surface. What are the consequences of overexploitation of water resources ? 10
3. Define minerals and their types. Describe the importance of mineral resources. 2+8=10
4. Describe soil and land resources. Discuss their importance. 10

5. Discuss the status and distribution of forests in India. Describe the impacts of deforestation. 10
6. Give an overview of agricultural resources. Describe the importance of agricultural resources to human beings. 10
7. Write short notes on any **four** of the following :  $4 \times 2 \frac{1}{2} = 10$
- (a) Solar Energy
  - (b) Wind Energy
  - (c) Geothermal Energy
  - (d) Hydropower Energy
  - (e) Biomass Energy
8. Describe fresh water and marine resources of India and discuss the conservation practices. 10
9. Differentiate between Conventional and Non-conventional energy resources, with suitable examples. 10
10. Describe various governmental schemes and programmes for natural resource conservation. 10

**11.** Write short notes on any *two* of the following :  $2 \times 5 = 10$

- (a) Resource Economics
- (b) Resource Accounting
- (c) Resource Management Planning
- (d) Natural Resource Management and Sustainable Livelihood

**12.** Describe the role of traditional knowledge in sustainable management of natural resources. 10

**13.** Give an overview of animal and wild life resources and their importance. 10

**14.** What is sustainable management of natural resources ? Describe the role of national and international organizations in conservation and sustainable management of resources. 10

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