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MEV-014

M. SC. (ENVIRONMENTAL SCIENCE)

(MSCENV)

Term-End Examination

December, 2024

MEV-014 : SUSTAINABLE NATURAL RESOURCE

MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

1. Classify the natural resources based on their availability. What factors affect the availability and distribution of natural resources ? 5+5=10

2. Distinguish the metallic and non-metallic minerals. Describe their distribution in India.

5+5=10

3. What are the main physical properties of soil which directly affect plant growth ? 10

4. Identify productive and protective role of forest. Discuss issues and challenges of resource supply. 5+5=10

5. What is agro-biodiversity ? Describe the reasons for loss of agro-biodiversity. 3+7=10

6. Describe status and importance of livestock and wild-life resources in India. 10

7. Discuss Indian aquatic resources and strategies for their management. 10

8. Classify conventional energy resources and describe their potential in Indian scenario. 10
9. Describe the utilization of solar energy in different sectors. 10
10. What is hydroelectric energy ? Discuss its advantages and limitations. 5+5=10
11. Describe advantages and disadvantages of wind energy and geothermal energy. 10
12. What is resource economics ? Give economics of renewable resources. 5+5=10
13. Describe the role of traditional knowledge and GIS/remote sensing in natural resource conservation. 5+5=10

14. Discuss any *five* major national programmes/schemes for natural resource conservation in India. 10

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