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MEV-014

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

Term-End Examination

June, 2026

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) All questions carry equal marks.

1. What are natural resources ? Classify the natural resources and explain the different types of natural resources. 2+8

2. Explain the uneven distribution of water resources on the earth's surface. 10
3. What are minerals ? Distinguish between metallic and non-metallic minerals. Explain the distribution, characteristics and uses of nuclear minerals. 2+2+2+4
4. Explain the physical properties of soil. 10
5. Explain the productive and protective role of forest resources. 10
6. Discuss the challenges to natural resources supply. 10
7. Explain the salient features of sustainable livestock rearing. 10

8. Explain the services provided by the aquatic resources. 10
9. What are energy resources ? Classify the energy sources based on sources, and usage. Explain the characteristics of energy resources. 2+4+4
10. (a) Describe the basic heat transfer mechanism for the study of solar thermal system. 5
- (b) Write a short note on solar thermal collectors. 5
11. Explain the advantages and disadvantages of geothermal energy. 10
12. Describe the different feedstock sources for bioenergy production. 10

13. Explain the steps in resource conservation planning. 10

14. Write short notes on the following : 5+5

(a) Green building

(b) Agroforestry

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