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MEV-014

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

Term-End Examination

June, 2023

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

Time : 3 Hours

Maximum Marks : 100

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

(ii) *All questions carry equal marks.*

1. What is natural resource ? Give classification of natural resources. 10
2. Give sources of surface and ground water. What are the consequences of overexploitation of water resources ? 10
3. What is mineral ? Describe its types. Give an account of coal and petroleum deposits of India. 10

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4. Explain physical, chemical and biological properties of soil. 10
5. Describe the problems related to overexploitation of natural resources and conservation practices. 10
6. Explain key strategies to attain sustainable agriculture and rural development. 10
7. How is human dependent on animal resources for their development ? Describe issues and challenges for the development of livestock. 10
8. Explain the importance of aquatic resources of India. 10
9. Describe energy resources and give their classification. 10
10. Describe the different usage of solar energy. 10
11. Describe wind energy, geothermal energy and aquifer thermal energy storage. 10

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12. What is bioenergy ? Give conversion technologies for bioenergy generation. 10
13. Describe schemes and programmes for natural resource conservation and sustainable livelihood. 10
14. Explain any *five* green technologies for natural resource conservation. 10