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MEV-014

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

Term-End Examination

June, 2024

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

Time : 3 Hours

Maximum Marks : 100

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

1. Give an overview of natural resources. Why are natural resources important for us ? 5+5
2. Distinguish between surface water and ground water. Describe their management. 5+5
3. What are energy minerals ? Give an account of coal and petroleum deposits in India. 5+5
4. Why is soil considered as an important natural resource ? 10

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5. What is deforestation ? Give major causes and consequences of deforestation. 10
6. Give reasons for loss of agricultural biodiversity. Explain strategies to attain sustainable agriculture development. 5+5
7. What are wildlife resources and how is it important for us ? 10
8. What are the important strategies to be applied for developing sustainable fisheries production in inland water ? 10
9. What are renewable energy sources ? Give details of any *two*. 5+5
10. Describe different usages of solar energy. Explain advantages and disadvantages of solar energy systems. 5+5
11. Describe bioenergy and its major forms. Explain challenges in bioenergy production. 5+5
12. Describe different phases and steps in natural resource planning. 10

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13. Discuss various programmes implemented by government of India for conservation and sustainable management of resources. 10
14. Give any *five* green technologies for natural resource conservation. 10