

Roll No.

Total Pages : 3

MDE/M-24

4686

NATURAL RESOURCE MANAGEMENT

Paper–MES–201

Time Allowed : 3 Hours]

[Maximum Marks : 80

Note : Attempt **five** questions in all, selecting **one** question from each Unit. Question No. **1** is compulsory. All questions carry equal marks.

Compulsory Question

1. Write short notes on the following : 8×2=16
- (a) Mineral recycling.
 - (b) Biomass Energy.
 - (c) Energy Plantation.
 - (d) Community Forest Management.
 - (e) Land degradation
 - (f) Differentiate between Renewable and Non-renewable energy resources
 - (g) Differentiate between Monopolistic and Oligopolistic market
 - (h) Differentiate between Productive function and Regulative functions of forest resources.

UNIT–I

2. Define Land Reclamation. How waste land can be reclaimed and managed? Explain with suitable examples in context of India. 16
3. Explain the following : 2×8=16
- (a) Categorize different water resources and analyze the problems associated with it. How conservation of water resources be done?
 - (b) Rainwater harvesting.

UNIT–II

4. Explain the following: 2×8=16
- (a) Hydrogen as a source of energy.
 - (b) Bacterial leaching of metals from low grade ores.
5. Describe Global Scenario of Renewable and Non renewable Energy Consumption and its implication on Environment. 16

UNIT–III

6. Give a detailed account of forest resources in India and what are the parameters to assess the sustainability of forest? 16
7. Give a detailed account of marine resources and fisheries. Explain its relationship with sustainable development. 16

UNIT-IV

8. Explain the following: 2×8=16
- (a) Natural Resource Accounting
 - (b) Green Certification
9. Discuss various kind of Market-based instruments designed For Environmental Protection. 16