

**MA RURAL DEVELOPMENT
FIRST SEMESTER
NATURAL RESOURCE MANAGEMENT
MRD-105**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1 hrs. 30 Mins

Full Marks: 35

(Objective)

Time: 15 mins.

Marks: 10

1×10=10

Choose the correct answer from the following:

- Which one of the following is a renewable resource?
 - Coal
 - Petroleum
 - Solar Energy
 - Natural Gas
- How can the resources be classified on the basis of availability?
 - Renewable and Non-Renewable
 - Biotic-Abiotic
 - International-National
 - Ubiquitous-Localized
- Which country is the largest producer of Iron-ore in the world?
 - Australia
 - India
 - Brazil
 - China
- The aim of Chipko movement was.....
 - Human rights
 - Political rights
 - Agricultural expansion
 - Forest conservation
- The environmental impact assessment in India was started in which of the following years?
 - 1975-76
 - 1976-77
 - 1977-78
 - None of the above
- Which one of the following is biotic component of the biosphere?
 - Sunlight
 - Air
 - Microbes
 - Soil
- The largest ecosystem of the earth is.....
 - Biosphere
 - Hydrosphere
 - Lithosphere
 - Biome
- Who wrote the article "The Tragedy of the Commons"?
 - William Forster Lloyd
 - Garrett James Hardin
 - Alfred Thomas Grove
 - Oliver Rackham
- Which of the following is NOT a common property resource in rural areas?
 - Community forest
 - Pasture lands
 - Agricultural field of a landlord
 - Village water bodies

10. What is the full form of JFM with related to Forest Management?
- a. Junior Forest Management
 - b. Joint Forest Management
 - c. Jury Forest Management
 - d. Jharkhand Forest Management

(Descriptive)

Time : 1 hrs. 15 mins.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

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| 1. Define Resources. What are the different bases of classification of Resources. Discuss any one of them with examples. | 1+2+2=5 |
| 2. What are mineral Resources? Classify them with examples. Mention some important functions of mineral resources. | 2+5+3=10 |
| 3. Define Ecosystem. Discuss in detail the structure and functions of ecosystem. Write down the application of ecosystem concept in Natural Resource Management. | 2+4+4=10 |
| 4. What are Common Property Resources (CPRs)? What are the problems of common Property Resources? Mention important management strategies for sustainable use of CPRs. | 2+4+4=10 |
| 5. What are JFM and JFMC? Discuss the role of JFM and JFMC in Sustainable development. | 3+3+4=10 |

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