

**MA RURAL DEVELOPMENT  
FIRST SEMESTER  
NATURAL RESOURCE MANAGEMENT  
MRD-104(REPEAT)**

**SET  
A**

Duration : 3 hrs. (USE OMR SHEET FOR OBJECTIVE PART)

Full Marks: 70

Time : 30 min.

[ Objective ]

Marks : 20

Choose the correct answer from the following:

1X20=20

- Which one of the following is a renewable resource?
  - Coal
  - Petroleum
  - Natural Gas
  - Solar Energy
- How can the resources be classified on the basis of availability?
  - Renewable and Non-Renewable
  - Biotic-Abiotic
  - International- National
  - Ubiquitous-Localized
- What is an exhaustible renewable resource?
  - A resource that will eventually run out
  - A resource that is being used faster than it will
  - A natural resource that will never run out
  - An energy source that can be regenerated indefinitely as long as it is not over harvested
- What are the advantages of using resources such as geothermal energy, solar energy, and wind energy?
  - They can generate power by burning wastes.
  - They increase the amount of greenhouse gases.
  - They come from energy sources that never run out.
  - They produce large amounts of energy from burning fuels.
- Why is the conservation of natural resources important?
  - because many resources are nonrenewable
  - because natural resources are all renewable
  - because many natural resources are inexhaustible
  - because conservation is practiced by most people
- What is the percentage share of plains in the total land area?
  - 33%
  - 32%
  - 43%
  - 27%
- Which country is the largest producer of Iron-ore in the world?
  - Australia
  - Brazil
  - India
  - China

8. The total number of refinery working in Assam is/are  
 a. One  
 b. Three  
 c. Two  
 d. Four
9. Which is the highest quality of hard coal?  
 a. Anthracite  
 b. Lignite  
 c. Bituminous  
 d. Peat
10. Which of the following is a non-metallic mineral?  
 a. Bauxite  
 b. Gypsum  
 c. Magnesium  
 d. Manganese
11. Which one of the following is biotic component of the biosphere?  
 a. Sunlight  
 b. Air  
 c. Microbes  
 d. Soil
12. An ecosystem consists of ----  
 a. Only living organisms  
 b. Only insects  
 c. Living organisms and physical factors  
 d. Only Non- living organisms
13. The largest ecosystem of the earth is.....  
 a. Biosphere  
 b. Lithosphere  
 c. Hydrosphere  
 d. Biome
14. What do you mean by Biome?  
 a. Group of plants in areas having similar climatic condition  
 b. Land covered with grass shrubs on which animals graze freely  
 c. Marginal land kept fallow for a certain period to restore their fertility  
 d. Breaking up and decaying of exposed rocks due to various factors.
15. Lagoons, estuaries, marshes are example of.....  
 a. Ecotone  
 b. Ecosystem  
 c. Biome  
 d. Ecology
16. What is the full form of JFM with related to Forest Management?  
 a. Junior Forest Management  
 b. Jury Forest Management  
 c. Joint Forest Management  
 d. Jharkhand Forest Management
17. Forest management has various scopes.  
 a. True  
 b. False

18. Who wrote the article "The Tragedy of the Commons"?
- a. William Forster Lloyd
  - b. Garrett James Hardin
  - c. Alfred Thomas Grove
  - d. Oliver Rackham
19. Which of the following is an example of common property resources?
- a. Park
  - b. Hotel
  - c. House
  - d. Self owned car
20. Which of the following is NOT a common property resource in rural areas?
- a. Community forest
  - b. Pasture Lands
  - c. Agricultural field of a landlord
  - d. Village water bodies
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( Descriptive )

Time: 2 HRS 30 MINS

Marks : 50

[ Answer question no.1 & any four (4) from the rest ]

1. Define Resources. Classify Resources with examples? Discuss the factors influencing the availability of resources. 2+4+4=10
2. Discuss the distribution and uses of iron ore. 10
3. What are mineral Resources? Classify them with examples. Mention some important functions of mineral resources. 2+4+4=10
4. What are environmental balances? Discuss the processes through which environmental balance can be achieved. 2+8=10
5. Define Ecosystem. Discuss in detail the structure or functions of ecosystem. 3+7=10
6. Write down the application of ecosystem concept in Natural Resource Management 10
7. What is Common Property Resources (CPRs)? What are the problems of common Property Resources? Mention important management strategies for sustainable use of CPRs. 2+5+3=10
8. What are JFM and JFMC? Discuss the role of JFM and JFMC in Sustainable development. 2+2+6=10

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