

MA RURAL DEVELOPMENT  
FIRST SEMESTER  
NATURAL RESOURCE MANAGEMENT  
MRD - 104

Duration: 3 Hrs.

Marks: 70

Part : A (Objective) = 20

Part : B (Descriptive) = 50

[ PART-B : Descriptive ]

Duration: 2 Hrs. 40 Mins.

Marks: 50

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

1. What is JFM ? Define JFMC. What are the objectives of National Forest policy ? 2.5+2.5  
+5=10
2. What is Natural Resource ? Classify the Natural Resources. What is Resource Utilization and their impact on livelihood pattern ? 2+4+4  
=10
3. Explain Forest Policy. Give an account of economic importance of forest resources. 5+5=10
4. What is Ecotone ? Explain the characteristics of an Ecotone ? Define ecology 2+5+3  
=10
5. Define Biosphere. What is Biome ? Explain the major categories of Biome 2.5+2.5+  
5=10
6. What is Ecosystem? What are the functions of an Ecosystem ? 4+6=10
7. Define Biotic and Abiotic Resource. Explain the importance of natural resources on the economic development in a country ? 4+6=10
8. Write Short Note on: 2.5×4  
=10
  - i. CPR
  - ii. Food Chain
  - iii. Environmental Balance
  - iv. Nitrogen Cycle

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[ PART-A : Objective ]

Choose the correct answer from the following :

1×20=20

1. The Ministry of Environment Forests of the Government of India announced its new forest policy in the year
  - a. 1975
  - b. 1978
  - c. 1988
  - d. 1992
2. JFM is a participatory approach in
  - a. Land Management
  - b. Sustainable Development
  - c. Forest Management
  - d. Rural Development
3. The term Biosphere is coined by
  - a. Eduard Suess
  - b. W.G. Rosen
  - c. Edwards. N
  - d. Mckinsey
4. JFM is an approach and program initiated in the context of the ..... policy
  - a. Land Policy
  - b. Mineral Policy
  - c. National Forest Policy
  - d. Water Policy
5. The eminent professor of economics Erich W. Zimmermann promulgated his famous "Concept of Resources" in the year
  - a. 1920
  - b. 1925
  - c. 1933
  - d. 1937
6. The word "Ecology" derived from the.....word
  - a. Spanish
  - b. Greek
  - c. French
  - d. German
7. Biomes are very large..... area
  - a. Ecological
  - b. Forest
  - c. Desert
  - d. Aquatic
8. The biosphere is the global..... system
  - a. Ecological
  - b. Economical
  - c. Agricultural
  - d. Commercial
9. An ecosystem is a ..... set of relationship among the living resources, habitats, residents of an area
  - a. Ecological
  - b. Complex
  - c. Continuous
  - d. Structural
10. The term biosphere was coined in
  - a. 1875
  - b. 1885
  - c. 1895
  - d. 1900
11. Flora and Fauna are the example of ..... resources
  - a. Abiotic
  - b. Biotic
  - c. Renewable
  - d. Non-renewable
12. Oil and wind energy are considered as a
  - a. Renewable
  - b. Non-renewable
  - c. Abiotic
  - d. Biotic
13. The Mineral Policy was amended in
  - a. 1991
  - b. 1992
  - c. 1993
  - d. 1995

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[PART (A) :OBJECTIVE]

Duration : 20 Minutes

Serial no. of the main Answer sheet

Blank box for serial number

- 14. An Ecotone is a zone of junction or a transition area between .....biomes
a. Two
b. Three
c. Four
d. Six
15. The ministry of Water Resources, Government of India introduced national water Policy in the year
a. 2000
b. 2002
c. 2005
d. 2007
16. The Coal Mines Act was amended in
a. 1973
b. 1978
c. 1985
d. 1988
17. Mining and Mineral (Regulation and Development ) Act was passed in
a. 1942
b. 1947
c. 1948
d. 1950
18. Indian Bureau of Mines (IBM) was established in
a. 1948
b. 1950
c. 1957
d. 1965
19. Fossil fuel is considered as
a. Renewable
b. Non-renewable
c. Abiotic
d. Biotic
20. Resources which are freely rendered by nature are known as
a. Biosphere
b. Biome
c. Ecosystem
d. Natural Resources

Course : .....

Semester : ..... Roll No : .....

Enrollment No : ..... Course code : .....

Course Title : .....

Session : ..... 2017-18 ..... Date : .....

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Instructions / Guidelines

- > The paper contains twenty (20) / ten (10) questions.
> Students shall tick (✓) the correct answer.
> No marks shall be given for overwrite / erasing.
> Students have to submit the Objective Part (Part-A) to the invigilator just after completion of the allotted time from the starting of examination.

Table with 2 columns: Full Marks, Marks Obtained. Row 1: 20, [ ]

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Scrutinizer's Signature

Examiner's Signature

Invigilator's Signature