

**MA RURAL DEVELOPMENT  
FOURTH SEMESTER  
RURAL TECHNOLOGY  
\* MRD – 406 [MDC]**

**SET  
A**

**[USE OMR SHEET FOR OBJECTIVE PART]**

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

**(Objective)**

Marks: 20

*Choose the correct answer from the following:*

*1 × 20 = 20*

- Techniques used in rural areas is known as:
  - Rural Development
  - Rural Technical entrepreneur
  - Rural Technology
  - None of the above
- A condition where household income is a certain percentage below median incomes is:
  - Absolute Poverty
  - Relative Poverty
  - Situational Poverty
  - None of the Above
- RBH have been conceptualized to link .....
  - Urban Products
  - Rural Products
  - Both a and b
  - None of the above
- RBH is an initiative by the Ministry of.....
  - Agriculture
  - Rural Development
  - Forest
  - Panchayat Raj
- Mushrooms are :
  - Bacteria
  - Fungi
  - Prortozoa
  - Virus
- Wild mushroom contains high amount of Vitamin:
  - B
  - C
  - D<sub>1</sub>
  - D<sub>2</sub>
- Which one is organic fertilizer?
  - Urea
  - NPK
  - Vermicompost
  - None of these
- Smoking is used as a technique of
  - Crop harvesting
  - Fish Preservation
  - Crystalisation of sugar
  - Mushroom Cultivation
- Apisindica* is also known as:
  - Asian bee
  - Rock bee
  - Little bee
  - European bee

10. Cage system of fish farming is an example of ..... type of farming system.
  - a. Intensive
  - b. Extensive
  - c. Monoculture
  - d. Polyculture
11. The practice of culturing two species of fish in a same pond is known as:
  - a. Monoculture
  - b. Polyculture
  - c. Extensive
  - d. Integrated fish culture
12. The oldest method of controlling weeds is:
  - a. Mechanical method
  - b. Chemical method
  - c. Manual method
  - d. None of the above
13. Which chamber of hive box is used for rearing and queen cell formation?
  - a. Super Chamber
  - b. Broad Chamber
  - c. Queen excluder
  - d. None of the above
14. Which of the following organizations looks after the credit needs of agriculture and rural development in India?
  - a. FCI
  - b. IDBI
  - c. NABARD
  - d. None of the above
15. Azolla is :
  - a. Floating weeds
  - b. Emergent weeds
  - c. Submerged weeds
  - d. Marginal weeds
16. Full Form of CAPART is
  - a. Council for Advancement of People's Action and Rural Technology
  - b. Centre for Advancement of People's Action and Rural Development
  - c. Centre for Advancement of People's Action and Rural Technique
  - d. None of the above
17. The energy sources of North East India is mostly generated from:
  - a. Hydro
  - b. Biomass
  - c. Coal
  - d. Petroleum
18. CAPART was launched in the year:
  - a. 1983
  - b. 1984
  - c. 1985
  - d. 1986
19. Wind energy are considered as a
  - a. Conventional energy resource
  - b. Non- conventional energy resource
  - c. Inexhaustible resources
  - d. None of the above
20. The most abundantly available fossil fuel in India is:
  - a. Coal
  - b. Natural Gas
  - c. Petroleum
  - d. Oil

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**( Descriptive )**

Time : 2 Hr. 30 Mins.

Marks : 50

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

1. What do you mean by Rural Technology? Write down the importance of Rural Technology in Rural Development? What are the main Objectives of Rural Technology? 2+3+5=10
2. a) Why is RBH? Write down the process of establishing RBH. 1+ 4+5=10  
b) Explain the Role of Rural Technology for Poverty eradication.
3. a) Define Vermiculture and vermicompost. List the steps for preparing vermiculture. 2+3+1+4=10  
b) What is an Aquatic weed? Explain the types of Aquatic weeds with the help of a diagram.
4. a) Write the classification of Honey bee. 5+5=10  
b) What are the various instruments used in Apiculture.
5. a) Write about the three types of mushroom variety. 3+7=10  
b) What are the various steps involve in mushroom cultivation.
6. a) What is Pisciculture? Describe Integrated Fish Farming. 5+5=10  
b) Write the details about types of Pisciculture.
7. Write short notes on: 5+5=10  
a) Absolute and Relative Poverty  
b) CAPART
8. a) What do you mean by medicinal plants? Write three types of medicinal plants and their uses. 1+ 4+5=10  
b) What are the various alternative energy resources?

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