REV-01
MRD/24/30

2024/11

SET A

MA/M.Sc. RURAL DEVELOPMENT
THIRD SEMESTER
INNOVATIVE TECHNOLOGIES FOR RURAL DEVELOPMENT
MRD – 304A
[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 1.30 hrs. **Full Marks: 35**

Objective

Time: 15 mins. **Marks: 10**

Choose the correct answer from the following: ***1×10=10***

1. Which of the following is prominent in the Indian Economy?
   a. Relative poverty
   b. Absolute poverty
   c. Both a and b
   d. None of the above

2. Which of the following is CAPART associated with?
   a. Energy sector
   b. Rural Development
   c. Pisciculture
   d. Scientific research

3. What is the other name of mushroom?
   a. Funaria
   b. Dryopteris
   c. Agaricus
   d. Ferus

4. Spawn is the.....of mushroom:
   a. Flower
   b. Fruit
   c. Mycellium
   d. Pollen

5. Mushroom contain high amount of.....
   a. Protein
   b. Carbohydrate
   c. Fats
   d. Vitamin

6. *Apis dorsata* is used to refer to:
   a. Little bee
   b. Indian bee
   c. European bee
   d. Rock bee

7. The origin of European bee (*Apis mellifera*)
   a. Spain
   b. Italy
   c. Germany
   d. France

8. Agri-based integrated fish farming system contains which of the following?
   a. Cattle-Fish system
   b. Mushroom-Fish system
   c. Pearl-Fish system
   d. Duck -Fish system

9. This can be the best worm for composting:
   a. Pink worms
   b. Red wigglers
   c. Maggots
   d. Does not matter

10. Which of the following is not the economic importance of fishes?
   a. Source of food
   b. Source of water
   c. Good source of vitamin
   d. Polishing agent

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Descriptive

Time : 1 Hr. 15 Mins. Marks : 25

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

1. What do you mean by rural technology? Write down the objectives of rural technology. 5

2. a) What are the various steps involve in mushroom cultivation? 5+5=10
   b) Explain briefly about the process of vermiculture.

3. a) What do you mean by apiculture? Write down the classification 1+4+5=10
   b) Explain the Scope of Honeybee farming in India.

4. a) What is Pisciculture? Write the details about types of Pisciculture. 1+4+5=10
   b) Write down the economic importance of fish

5. a) Define Aquatic weed. Explain the types of Aquatic weeds with the help of a diagram. 1+5+1+3=10
   b) What do you mean by medicinal plants? Write the three types of medicinal plants and their uses.

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