

**MA/M.Sc. RURAL DEVELOPMENT
FOURTH SEMESTER [SPECIAL REPEAT]
RURAL TECHNOLOGY
MRD – 402B**

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 2 hrs.

Full Marks: 55

(Objective)

Time: 20 mins.

Marks: 15

Choose the correct answer from the following:

1 × 15 = 15

- Which of these is not an objective of rural development?
 - To work on removing unemployment in rural areas
 - To improve wages for the rural population
 - To improve wages for the urban population
 - To enhance the living standards of rural people
- Initiatives for implementing rural development include.....
 - Improving public health
 - Setting up facilities for agricultural research
 - Infrastructure development in rural areas
 - All the above
- RBH stands for:
 - Rural Base Hub
 - Rural Business Hub
 - Rural Banana Hub
 - Rural Bamboo Hub
- India occupies theposition in production of raw silk in the world.
 - 2nd
 - 3rd
 - 4th
 - 5th
- Muga silk is associated to which of the following states of India?
 - Arunachal Pradesh
 - Bihar
 - Maharashtra
 - Assam
- Which state is the largest producer of raw silk in India?
 - Tamil Nadu
 - Andhra Pradesh
 - Karnataka
 - West Bengal
- The scientific name of Tasar silkworm is:
 - Bombyx mori
 - Antheraea assamensis
 - Antheraea mylitta
 - Philosamia ricin
- Who is referred to as father of pearl industry?
 - Inovsky
 - Louis Pasteur
 - Kokichi Mikimoto
 - Harvey

9. Pearls are produced in an oyster around the.....
- a. Tears of sea mermaids falling into the oyster
 - b. First drops of rains falling into the oyster in a particular month
 - c. Eggs oyster which fails to leave its body
 - d. Some external particles becoming embedded in the skin of oyster
10. Pearl is secreted by:
- a. Nacreous layer
 - b. Prismatic layer
 - c. Mantle layer
 - d. Both a and b
11. How many stages are there in the life cycle of a silkworm?
- a. 3
 - b. 4
 - c. 5
 - d. 6
12. In crab culture method, young crabs are grown for a period ofmonths till they attain desirable size.
- a. 5 to 6
 - b. 6 to 7
 - c. 7 to 8
 - d. 8 to 9
13. The pond size varies betweenwith proper bunds and tidal water exchange.
- a. 0.5 - 2 ha
 - b. 1- 2 ha
 - c. 2 -3 ha
 - d. 3 - 4 ha
14. The crab culture is called as:
- a. Crab Fattening
 - b. Crab Fettening
 - c. Crab Fottening
 - d. Crab Fultening
15. Frogs andcan be reared together, after the egg and larval/tadpole stages.
- a. Duck
 - b. Crab
 - c. Fish
 - d. Poultry

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(Descriptive)

Time : 1 Hr. 40 Mins.

Marks : 40

[Answer question no.1 & any three (3) from the rest]

1. a) Describe the role of science and technology in agriculture. 5+5=10
b) How does technology affect rural areas?
2. a) What is sericulture? Explain the types of silk are found in India. 5+5=10
b) Write down the importance of sericulture.
3. a) Define RBH. Under which ministry establishment of RBH was initiated. 3+2+5=10
b) What are the steps behind RBH establishment?
4. Explain the various divisions of silkworm. 10
5. What do you mean by pearl culture? What are the uses of pearl culture? Describe the types of pearl. Write down the Composition of pearl. 1+2+4+3=10
6. Explain the steps involved in pearl culture. 10
7. a) Give an account of Crab culture method 5+5=10
b) What are the water quality parameters during Crab culture need to maintain?

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