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RNLKWC/B.Sc./CBCS/IVS/SEC2T/22

2022

ZOOLOGY

[Honours]

(B.Sc. Fourth Semester End Examination-2022)

PAPER-SEC2T

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

Group-A

1. Answer any five questions from the following: 5x2= 10
 - a. What is silk route?
 - b. Name the silk worm with their host plants in India.
 - c. What do you mean by voltinism?
 - d. Name any two vertebrate pest of sericulture.
 - e. What is Denier?
 - f. Write down the difference between temperate and tropical breeds of sericulture.
 - g. Write the economic importance of sericulture.
 - h. What is Latkoa and Motka?

(2)

Group-B

2. Answer any four questions from the following: 4x5 = 20

- a. Mention the problem and prospect of sericulture in Westbengal.
- b. Write symptoms and control measures of pebrine disease.
- c. Briefly describe the structure of silk gland with proper diagram.
- d. Explain the symptoms and types of damage of uzifly.
- e. Write down the composition of silk. What is Spum silk?
- f. How many types of irrigation are adopted for mulberry plantation for its survival? Define drip irrigation.

Group -C

3. Answer any one questions of the following: 1x10 = 10

- a. Write down the life cycle of Bombyxmori with proper diagram.
 - b. Name any two type of disease of Bombyxmori, with its causative agents, symptoms and management of the disease.
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