(6 pages) **Reg. No. :** .....

Code No. : 10589 E **Sub. Code : CEZO 61**

B.Sc. (CBCS) DEGREE EXAMINATION, NOVEMBER 2024.

Sixth Semester

Zoology

Core Elective I — SERICULTURE

(For those who joined in July 2021 – 2022 only)

Time : Three hours Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Study of Mulberry plant is?

   (a) Sericulture (b) Vermiculture

   (c) Moriculture (d) All the above

2. Where is the Headquarters of Sericulture located in Tamil Nadu?

   (a) Kancheepuram (b) Mysore

   (c) Bangalore (d) Salem

3. White root rot fungal disease caused by?

   (a) Rosellinia necatrix

   (b) Polyporus hispidus

   (c) Theobromae

   (d) Deuteromycota

4. Leaf eating insect pest of mulberry is?

   (a) Stick insect

   (b) Termites

   (c) Margaronia pyloalis

   (d) Snails

5. In male silkworm, 5th abdominal segment?

   (a) Ovary (b) Testis

   (c) Egg (d) Zygote

6. Silk glands are modified?

   (a) Salivary gland (b) Labial gland

   (c) Tracheal gland (d) Gland

7. Mature larvae is used for?

(a) Rearing (b) Reeling

(c) Moulting (d) Mounting

8. The process of killing the pupae inside the cocoon shell?

(a) Reeling (b) Ridling

(c) Stifling (d) Cooking

9. Pebrine is a ————

(a) Bacterial disease

(b) Viral disease

(c) Fungal disease

(d) Protozoa disease

10. Stifling is?

(a) Rearing (b) Reeling

(c) Mounting (d) Drying

PART B — (5 × 5 = 25 marks)

Answer ALL questions by choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Write about the central silk board.

Or

(b) Give an account on Biofertilizers.

12. (a) Mention Fungal root diseases of mulberry.

Or

(b) Write a note on borer pests.

13. (a) What is sexual dimorphism in silkworm?

Or

(b) Narrate the structure of the silk gland.

14. (a) Explain the methods of bed cleaning.

Or

(b) What is disinfection? Explain with two examples in rearing.

15. (a) Discuss about Pebrine.

Or

(b) Write short notes on Uzi-fly.

PART C — (5 × 8 = 40 marks)

Answer ALL questions by choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Narrate the role of central silk board?

Or

(b) Write an account on common Indian varieties and High yielding varieties of Mulberry.

17. (a) Write an account on Deficiency disease of Mulberry.

Or

(b) Write an account on pests of Mulberry.

18. (a) Explain male and female reproductive system of silk worm.

Or

(b) Illustrate and explain the life cycle of Bombyx mori.

19. (a) Discuss the process of rearing of larvae.

Or

(b) Discuss cocoon marketing.

20. (a) Write an account on bacterial diseases.

Or

(b) Discuss about reeling operation.

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