

(FOR THE CANDIDATES ADMITTED

22UZY6E4

DURING THE ACADEMIC YEAR 2022

ONLY)

REG.NO.

N.G.M.COLLEGE (AUTONOMOUS) : POLLACHI

END-OF-SEMESTER EXAMINATIONS : MAY- 2025

BSC-ZOOLOGY(AIDED)

MAXIMUM MARKS: 50

SEMESTER-VI

TIME : 3 HOURS

PART -III

22UZY6E4- SERICULTURE

SECTION – A

(10 X 1 = 10 MARK)

ANSWER THE FOLLOWING QUESTIONS. (K1)

1. Select the ideal temperature which is needed for the growth of mulberry plant_____
a. 10-20 °C b. 24-29°C c. 40-50°C d. 60-70 °C
2. Choose the ideal months for planting mulberry in Tamilnadu_____
a. July-August b. December c. March d. May
3. Choose the appliance which is used to measure humidity_____
a. hygrometer b. thermometer c. sacchi disc d. all the above
4. Which organism cause Pebrine disease in silk worm?
a. virus b. bacteria c. protozoa d. ants
5. Select the most important pest of Silk worm _____.
a. snake b. Uzi fly c. beetle d. ants

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

6. Explain Tasar silk worm
7. Define Grafting.
8. What is grainages.
9. How is chawki rearing, done?
10. Interpret the role of Karnataka silk marketing board.

SECTION – B

(5 X 3 = 15 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS.(K3)

11. a) Interpret the features of Mulberry silk worm.
(OR)
b) Compare Muga silk worm and Eri silk worm.
- 12..a) Assess the various methods of harvesting the mulberry leaves
(OR)
b) Interpret the causative agent and symptoms of Powdery mildew disease in mulberry plant.

(CONT...2)

Ethical paper

13.a) Describe the structure of silk gland.

(OR)

b) List the bed cleaning methods, adopted for rearing *Bombyx mori*.

14.a) List down the properties of good disinfectant in sericulture industry.

(OR)

b) Find out the causative agent, symptoms of Grasserie in silkworm.

15.a) Describe the structure of Country Charkha.

(OR)

b) Examine the physical characteristics of cocoon.

SECTION – C

(5 X 5 = 25 MARKS)

ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K4 (Or) K5)

16. a). Outline the importance of sericulture.

(OR)

b) Illustrate the major plantation systems followed for mulberry.

17. a) Discuss the causative agent and symptoms of Root rot disease in mulberry plant.

(OR)

b) Summarise the merits and demerits of high cut Pruning

18. a) Defend the Life cycle of *Bombyx mori*.

(OR)

b) Discuss the appliances used for silk worm rearing.

19. a) Summarise the different methods of Mounting.

(OR)

b) Discuss the causatives, symptoms and control measures of Flacherie disease in silkworm.

20. a). Evaluate the various Raw silk testings.

(OR)

b). List the characteristics of defective Cocoon.

Ethical paper