

(FOR THE CANDIDATES ADMITTED
DURING THE ACADEMIC YEAR 2019 ONLY)

(NO OF PAGES: 2)

19UZY6E3

REG.NO

NGM COLLEGE (AUTONOMOUS) POLLACHI
END-OF-SEMESTER EXAMINATIONS: JULY- 2022

B.sc -Zoology

MAXIMUM MARKS: 75

VI SEMESTER

TIME: 3 HOURS

PART III
SERICULTURE

SECTION – A

(10 X1 = 10 MARKS)

ANSWER THE FOLLOWING QUESTIONS

MULTIPLE CHOICE QUESTIONS

(K1)

- The vision of central silk board is to:
a) “Strengthen levels of efficiency through a commitment to quality”.
b) “See India emerge as the leader in the world market for silk”.
c) “To improve productivity in all stages of silk production”.
d) None of the above.
- The cultivation of mulberry plants for feeding silk-worms is:_____
a) Pisciculture
b) Sericulture
c) Apiculture
d) Mori culture
- The silk of silk worm is a _____
a) Separate filament
b) Continuous filament.
c) Several filament
d) Discrete filament.
- Pebrine disease in silkworm is caused by a _____
a) fungus
b) virus
c) bacteria
d) protozoa
- Which is the post cocoon activity?
a) Stifling
b) Reeling
c) Brushing
d) All of the above.

ANSWER THE FOLLOWING IN ONE (OR) TWO SENTENCES

(K2)

- Define Mori culture.
- Why pruning is important.
- What is grain age ?
- What is disinfection in rearing house?
- Define charkha silk.

(CONTD....2)

SECTION – B**(5 X 5 = 25 MARKS)****ANSWER EITHER (a) OR (b) IN EACH OF THE FOLLOWING QUESTIONS. (K3)**

11. a) Describe the economic importance of sericulture.
(OR)
b) Interpret the planting direction and season for mulberry.
12. a) Describe vegetative propagation of mulberry plant.
(OR)
b) Write short notes on lowcut pruning process
13. a) Explain the lifecycle of *Bombyxmori*.
(OR)
b) Explain the structure of silk gland with a neat sketch.
14. a) Write a brief note on rearing of mature larvae.
(OR)
b) Give an account on mounting.
15. a) Mention some physical characters of cocoon.
(OR)
b) Explain the various methods of raw silk testing.

SECTION – C**(4 X 10 = 40 MARKS)****ANSWER ANY FOUR OUT OF SIX QUESTIONS.****(16TH QUESTION IS COMPULSORY AND ANSWER ANY THREE QUESTIONS FROM Q.NO: 17 TO 21)****(K4) OR (K5)**

16. Explain the different varieties of silkworm.
17. List the Diseases of mulberry plant.
18. Illustrate the significant role of silkworm rearing appliances.
19. Give an account of Diseases of silkworm.
20. Write a detailed note on typical rearing house.
21. List out defective cocoons. Explain any five.
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