

**2022/TDC(CBCS)/EVEN/SEM/  
ZOOSEC-601T/097**

**TDC (CBCS) Even Semester Exam., 2022**

**ZOOLOGY**

**( 6th Semester )**

Course No. : **ZOOSEC-601T**

**( Sericulture )**

Full Marks : 50

Pass Marks : 20

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

**SECTION—A**

Answer any *fifteen* questions :

1×15=15 .

1. What is sericulture?
2. What is 'queen of fibres'?
3. Where was the silk industry originated in India?
4. How many types of silk are there?

( 2 )

5. Give the scientific name of muga silkworm.
6. Name the food plant of *Bombyx mori*.
7. Where is the silk gland present in *Bombyx mori*?
8. How many larval stages are seen in *Bombyx mori*?
9. Name the equipments needed for rearing of *Bombyx mori*.
10. Name the disinfectant used during the rearing of *Bombyx mori*.
11. What is RKO?
12. What is spinning?
13. Name the pests of silkworms.
14. Mention the vertebrate pests of silkworms.
15. What are the bacterial diseases of silkworms?

( 3 )

16. What is Uzi fly?
17. Name the location where muga silk is produced in Assam.
18. What are mulberry silk and non-mulberry silk?
19. Name the board that is run by the Union Ministry of Trade and Commerce in India for protection of silk industry.
20. Which one is the major silk-producing State in India?

#### SECTION—B

Answer any *five* questions :

2×5=10

21. Name different species of silkworms.
22. What are exotic and indigenous races?
23. Write a short note on silk gland of *Bombyx mori*.
24. How is the silk secreted in mulberry silkworm?
25. Write a short note on rearing appliances.

26. What are early age and late age rearings?
27. Write a short note on the damage that is caused by dermestid beetles.
28. Write what you know about pebrine.
29. What are the four components of integrated scheme for development of sericulture industry?
30. Write about the employment opportunities in sericulture.

SECTION—C

Answer any *five* questions :

5×5=25

31. Write about the history and present status of sericulture in India.
32. Describe the rearing technique of mulberry silkworm.
33. Write the life cycle of *Bombyx mori*.
34. Describe the structure of silk gland of *Bombyx mori*.

35. How does the selection of mulberry silkworm take place?
36. Write about the harvesting and storage of cocoons.
37. Discuss viral and fungal diseases of silkworms.
38. Write about the control and preventive measures of diseases of silkworms.
39. Discuss the prospects of sericulture in India.
40. Write about the employment potential in mulberry and non-mulberry sericultures in India.

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