

**2023/TDC(CBCS)/EVEN/SEM/
ZOOSEC-601T/266**

TDC (CBCS) Even Semester Exam., 2023

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* of the following questions :

1×15=15

- 1. What is exotic species?**
- 2. Give one example of indigenous race of silk.**
- 3. Silk industry was originated in which place of India.**
- 4. How many types of silk are there?**

(2)

5. Name the disease of *Bombyx mori*.
6. Name the larval stages of *Bombyx mori*.
7. Name the host plant of *Bombyx mori*.
8. Name the gland that secretes silk.
9. Name some disinfectants.
10. What do you mean by spinning of silk?
11. What is cocoon?
12. Name the pests of silkworm.
13. What is RKO?
14. Name one protozoan disease of silkworm.
15. What do you mean by Uzi fly?
16. Define pest.
17. Name the major silk producing State in India.

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(Continued)

(3)

18. Give the scientific name of muga silkworm.
19. What are mulberry and non-mulberry silk?
20. Name the place of Assam which is famous for muga silk.

SECTION—B

Answer any *five* of the following questions :

2×5=10

21. Differentiate between exotic and indigenous races.
22. Write a note on silk route.
23. Write a note on structure of silk gland.
24. Explain the process of secretion of silk.
25. Explain the importance of establishment of mulberry gardens.
26. Write a note on the types of mountages used in sericulture.
27. Write a note on the damages caused by vertebrate pest of silkworm.

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(Turn Over)

(4)

28. Write a note on pebrine disease.
29. Name the important component of sericulture industry.
30. Name some sericulture centers of Assam.

SECTION—C

Answer any five of the following questions :

5×5=25

31. Briefly discuss the history of sericulture in India.
32. Discuss in detail the rearing techniques of non-mulberry silkworm.
33. Describe the life cycle of *Bombyx mori*.
34. Write a detailed note on silk gland.
35. Discuss how rearing house and rearing appliances are important in sericulture. Add a note on selection of mulberry varieties.
36. Write a note on harvesting and storage of cocoons.

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(5)

37. Write about the different fungal diseases of silkworm. Add a note on bacterial diseases of silkworm.
38. Discuss different control and preventive measures of diseases of silkworm.
39. Write a note on problems and prospects of sericulture in India.
40. Write a note on entrepreneurship in sericulture. Discuss the employment potential in sericulture.

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