

Reg. No

Name

25U460

B. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2025

SEMESTER 4 : COMPLEMENTARY ZOOLOGY FOR BOTANY

COURSE : 19U4CPZOO04 : APPLIED ZOOLOGY

(For Regular 2023 Admission and Improvement / Supplementary 2022/2021/2020/2019 Admissions)

Time : Three Hours

Max. Marks: 60

PART A

Answer All (1 mark each)

1. Write an account on silk gland in silkworm.
2. Name any two bacterial diseases of culture fishes.
3. What are egg burriers?
4. Name the causative organism of cottonwool disease in fish.
5. Comment on instar.
6. Specify the situation behind the formation of a pearl.
7. What is queen cage?
8. What are anecic worms?

(1 x 8 = 8)

PART B

Answer any 6 (2 marks each)

9. Explain the role of honey in Ayurvedic medicine.
10. Write notes on comb foundation.
11. Comment about the Causative organism, Mode of transmission, Control of Pebrine disease.
12. Explain different types of soil used in aquarium setting.
13. Comment on four species silk moth.
14. What is the working principle of a biological filter, used in Aquaria.
15. Explain the symptoms of saprolegniasis in fish.
16. What are endogeic species of earthworms.

(2 x 6 = 12)

PART C

Answer any 4 (4 marks each)

17. Discuss the methods employed in India to harvest honey from single comb bees.
18. Discuss the vermi bed preparation.
19. Differentiate live bearers and egg bears.
20. Explain the morphology of the Indian Major Carps.
21. Explain the functioning of different types of water filters used in Aquarium.
22. Explain the steps involved in the rearing of silkworm.

(4 x 4 = 16)

PART D

Answer any 2 (12 marks each)

23. Elucidate the various steps employed in prawn culture.

24. Give an account of the pests and diseases of honey bees - Add a note on its control measures.
25. Give an account on pond culture.
26. Explain the reproduction and life cycle of earthworms. Add a note on any two species of earthworms suitable for vermiculture.

(12 x 2 = 24)