

B. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2024**SEMESTER 4 - COMPLEMENTARY ZOOLOGY FOR BOTANY****COURSE : 19U4CPZOO04 - APPLIED ZOOLOGY***(For Regular - 2022 Admission and Improvement / Supplementary - 2021/2020/2019 Admissions)*

Time : Three Hours

Max. Marks: 60

PART A**Answer All (1 mark each)**

1. Name two epigeic worms suitable for vermiculture.
2. Comment on instar.
3. What is monocuring?
4. Name the most dominant cultivable mussel species.
5. What is spawning?
6. Define Imago?
7. What is bee veil?
8. Mention scientific name of any two culture fishes.

(1 x 8 = 8)**PART B****Answer any 6 (2 marks each)**

9. Summarize the moulting process?
10. What is white spot disease in fish? Name the causative organism.
11. What is rearing ponds?
12. Describe about the mounting of silk worm.
13. Evaluate the significance of brood chamber in a beehive.
14. In what way are wax beetles enemies to honey bee colonies?
15. Explain maintenance of an aquarium.
16. Discuss about site selection for vermiculture.

(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. Explain bacterial diseases in fish.
19. Give an account on the byproducts of apiculture.
20. Explain the morphology and culture of Siamese fighting fish.
21. Give an account on different aquarium fishes.
22. Write an account of the Life Cycle of silkworms.

(4 x 4 = 16)**PART D****Answer any 2 (12 marks each)**

23. Explain the process of vermicomposting.
24. Discuss the organization of a honey bee colony.
25. Explain different types of aquaculture.
26. Elucidate the various steps employed in prawn culture.

(12 x 2 = 24)