

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2025**2018, 2019, 2020, 2021 ADMISSIONS SUPPLEMENTARY****SEMESTER VI - CORE COURSE (ZOOLOGY)****ZY6B12B18 - Occupational Zoology (Apiculture, Vermiculture Sericulture and Aquaculture)****Time : 3 Hours****Maximum Marks : 60****Part A****I. Answer any Ten questions. Each question carries 1 mark****(10x1=10)**

1. Comment on the smoker used in apiculture.
2. Comment on Acarine disease.
3. Write the morphological differences of pupa of honey bee castes.
4. Give the scientific names of the following bee enemies: i) Tenebrionid beetle ii) Greater Wax moth.
5. Define vermiwash.
6. Comment on Vermiculture.
7. Comment on Chandrika used in sericulture.
8. Explain stifling in sericulture.
9. Comment on Polyculture.
10. Explain curing in fish processing.
11. Name any two nest builder fishes.
12. Explain Mahua oilcake.

Part B**II. Answer any Six questions. Each question carries 5 marks****(6x5=30)**

13. Write a note on Bee pasturage.
14. Give an account on communication among honey bees.
15. Comment on Bee box with a suitable diagram.
16. Write a note on different methods available to test the quality of honey.
17. Explain the role of earthworms in solid waste management.
18. Explain harvesting, sorting and types of silkworm cocoons.
19. Describe briefly the various eradication methods for weed fishes and predatory fishes.
20. Write a note on blanching in fish processing.
21. Explain the different control measures for aquatic weeds.

Part C**III. Answer any Two questions. Each question carries 10 marks****(2x10=20)**

22. Explain the different functions performed by different castes of honey bees?
23. Give an account on various steps in Vermicomposting.
24. Explain the nutrition and types of feed required for aquarium fishes.
25. Write an essay on integrated fish farming.