

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2025
2018, 2019, 2020, 2021, 2022 ADMISSIONS SUPPLEMENTARY
SEMESTER IV - COMPLEMENTARY COURSE 2 (ZOOLOGY)
ZY4C01B18 - Applied Zoology

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark**(10x1=10)**

1. What is canning?
2. What is curing?
3. Name any two viral diseases in fish.
4. List any two species of prawns used in prawn culture.
5. Explain pebrine disease.
6. Define silk.
7. Describe flacherie.
8. Describe Windrow system of Earthworm Farming.
9. What is Detritivores Earthworm?
10. Differentiate between searcher and collector worker bees.
11. Define Bee forage.
12. What is the appropriate composition of honey?

Part B

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

13. Comment on Induced breeding techniques in Carps.
14. Explain supplementary feeding.
15. Comment on Prawn culture.
16. Describe briefly the various eradication methods for removal of weed fishes and predatory fishes.
17. Describe briefly on life history of silkworm.
18. Explain rearing of silkworm with special reference to environmental conditions favouring silkworm growth.
19. Explain Epigeic species of Earthworm used in vermicomposting.
20. Write a note on caste distinction in honeybee colony.
21. Explain management of apiary.

Part C

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

22. Write an essay on Aquarium Management.
23. Explain any five diseases, symptoms and control measures of silkworm.
24. Explain the different methods and types of vermicomposting? Write notes on applications of vermicomposting .
25. Explain the different functions performed by queen, worker and drone honeybee?