

TB246201M

18.4

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, MARCH 2024

2021 ADMISSIONS REGULAR

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. Name any two fungal species that cause diseases in honey bees.
2. Write the scientific names of the following: i) Rock bee ii) Dammar bee.
3. Name any two organizations which supports beekeeping.
4. Comment on the smoker used in apiculture.
5. Write any two examples of epigeic earthworm used in vermiculture.
6. What is clitellum?
7. Comment on silk gland in silkworm.
8. Comment on Chandrika used in sericulture.
9. Explain Mahua oilcake.
10. Name any 2 species of mussels used in mussel culture.
11. Comment on Furunculosis.
12. Define aquarium.



Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write a note on Bee pasturage.
14. Write a note on different methods available to test the quality of honey.
15. Give an account on communication among honey bees.
16. Comment on the agencies supporting apiculture.
17. Write a note on any two epigeic species of earthworm used in vermicomposting.
18. List the differences between male and female silkworm moth.
19. Comment on different types of shrimp culture systems.
20. Write an account on fungal diseases in fishes.
21. Write a note on blanching in fish processing.

Part C

III. Answer any Two questions. Each question carries 10 marks

(2x10=20)

22. Write an essay on organization of honey bee colony.
23. Explain different types of vermicomposting and steps involved in vermicomposting.
24. Write an essay on Carp culture.
25. Explain the steps involved in setting up of an aquarium.