

TB206620W

Reg. No :

Name :

**B. Sc. DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023
(2020 Admission Regular, 2019, 2018 Admissions Supplementary)**

SEMESTER VI - CORE COURSE (ZOOLOGY)

ZY6B12B18 - OCCUPATIONAL ZOOLOGY (APICULTURE, VERMICULTURE SERICULTURE & AQUACULTURE)

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark

(10x1=10)

1. What are the uses of bee venom?
2. Define swarming. Write any one preventive method.
3. Give the scientific names of the following bee enemies: i) Tenebrionid beetle ii) Greater Wax moth.
4. Differentiate between queen cage and queen gate.
5. Differentiate between epigeic and anecic earthworm.
6. Distinguish between detritivores and geophages earthworm.
7. Comment on Chandrika used in sericulture.
8. Explain reeling in sericulture.
9. Comment on cage culture.
10. Explain freeze drying of fishes.
11. Describe Extensive shrimp farming.
12. Name any 2 species of mussels used in mussel culture.

Part B

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

(6x5=30)

13. Write an account on any five pests that attack honey bee colony and its control measures.
14. Briefly describe different bee keeping equipments and handling equipments used in apiculture.
15. Give an account on communication among honey bees.
16. Comment on Bee box with a suitable diagram.
17. Write an account on vermiwash and its preparation.
18. Comment on mounting of silkworm and various methods of mounting.
19. Describe briefly the various eradication methods for weed fishes and predatory fishes.
20. Write a note on blanching in fish processing.
21. What are algal blooms? Add note on various measures to control it.

Part C

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

(2x10=20)

22. Give a detailed account on management and maintenance of an apiary.
23. Write an account on the life cycle of four common earthworms used in vermicomposting.
24. Comment on various types of aquaculture.
25. Explain the steps involved in setting up of an aquarium.