

**TB214070W**

**Reg. No : .....**

**Name : .....**

**B.Sc. DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023**

**(2021 Admissions Regular, 2020 Admissions Supplementary / Improvement, 2019 & 2018 Admissions Supplementary)**

**SEMESTER IV - COMPLEMENTARY COURSE 2 (ZOOLOGY)**

**(For Botany & H. Sc.)**

**ZY4C01B18 - APPLIED ZOOLOGY**

**Time : 3 Hours**

**Maximum Marks : 60**

**Part A**

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

**(10x1=10)**

1. Name any two viral diseases in fish.
2. Define pen culture.
3. Comment on Polyculture.
4. Describe Extensive Farming.
5. Define chawki.
6. Define reeling.
7. Why the larva of silkworm is known as “ant worms”?
8. Describe Windrow system of Earthworm Farming.
9. Explain earthworm Cocoons.
10. Comment on drone honeybees.
11. Write note on Dammar bees.
12. Give the scientific names of the following: i) Little bee ii) Dammar bee.

**Part B**

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

**(6x5=30)**

13. Explain any 2 common cultivable fishes of Kerala.
14. Explain Mussel culture.
15. Comment on Induced breeding techniques in Carps.
16. Explain about various types of aquaculture.
17. Write an account on handling and management of worms during silkworm moulting.
18. Enumerate different rearing methods used for rearing of silkworm.
19. With suitable diagram explain the stages involved in reproduction and life cycle of earthworm.
20. Explain different types of bee disease.
21. Discuss briefly on byproducts of honeybee.

**Part C**

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

**(2x10=20)**

22. Write an essay on Aquarium Management.
23. Explain the various types of disease infecting silkworm.
24. Write an essay on Vermicomposting.
25. Explain the different functions performed by queen, worker and drone honeybee?