



25020512

**QP CODE: 25020512**

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

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE  
EXAMINATIONS, FEBRUARY 2025**

**Sixth Semester**

**CORE COURSE - ZY6CRT12 - OCCUPATIONAL ZOOLOGY (AQUACULTURE,  
APICULTURE, VERMICULTURE & QUAIL FARMING)**

Common for B.Sc Zoology Model I, B.Sc Zoology Model II Aquaculture, B.Sc Zoology and Industrial Microbiology Model III Double Main, B.Sc Zoology Model II Food Microbiology, B.Sc Zoology Model II Medical Microbiology & B.Sc Biological Techniques and Specimen Preparation Model III

2017 Admission Onwards

72DA5479

Time: 3 Hours

Max. Marks : 60

**Part A**

*Answer any **ten** questions.*

*Each question carries **1** mark.*

1. What is the scientific name of Dammar bee?
2. Name the scientist who discovered round dance in honey bee.
3. What is a smoker?
4. What is the scientific name of lesser Wax moth in apiculture?
5. What is Anecic earthworm?
6. What is vermicomposting?
7. Name the causative organism of disease Aspergilosis in Quail.
8. What is penculture?
9. Name the causative organism of Whirling disease in fishes.
10. What is nucleus in pearl culture?
11. What is Blanching in fish preservation?
12. What is the scientific name of guppy?

(10×1=10)





### Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the social organisation of honey bee colony.
14. Describe the uses of honey and bee wax.
15. Give short note on different agencies supporting Apiculture.
16. Narrate the role of vermiculture in solid waste management.
17. Write the characteristic feature of quail birds and their importance.
18. What are the different chemical parameters and its significance in aquaculture?
19. Give short note on Poultry-fish system and pig fish system.
20. Explain different types of aquarium with its speciality.
21. Give an account on bacterial and fungal diseases of aquarium fishes.

(6×5=30)

### Part C

*Answer any **two** questions.*

*Each question carries **10** marks.*

22. Describe the major adaptive and morphological features of worker, drone and queen.
23. Write an essay on management and maintenance of apiary.
24. What are the major biotic factors in aquaculture? Explain.
25. Distinguish between three Indian major carps and three exotic carps used in aquaculture in Kerala.

(2×10=20)

