QP CODE: 26017303

26017303

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE / MERCY CHANCE EXAMINATIONS, MARCH 2026

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

8D8AA730

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is the scientific name of Little bee?
2. What is a queen cage?
3. What is the scientific name of lesser Wax moth in apiculture?
4. Abbreviate KVIC
5. What is the scientific name of Indian Blue earthworm?
6. What is "compost tea"?
7. Name the causative organism of disease Aspergilosis in Quail.
8. What is Monosex culture in aquaculture?
9. Define phytoplankton.
10. Name the causative organism of Reeling disease in fishes.
11. Name the mussel culture method practiced in bottom muddy areas.
12. What is Chilled Sea Water storage in fish processing?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Honey bees are good communicators. Explain.

14. Describe the management and maintenance of an apiary.

15. Describe the uses of honey and bee wax.

16. Discuss the breeding of earthworms.

17. Characteristics of quails that made them suitable for both egg as well as meat production.

18. Describe about any five culturable fishes of Kerala.

19. Breeding carps using pituitary is common method in carp culture. Explain.

20. Describe the chemical method of waste filtration in an aquarium.

21. Give an account on bacterial and viral diseases of aquarium fishes.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Social organization is a unique feature in honey bee colony, Explain.

23. Worker, queen and drone have highly modified morphological features, Explain.

24. What are the different steps involved in the breeding of any two nest building fish?

25. Write an essay on establishment of commercial ornamental fish culture unit.

(2×10=20)