

QP CODE: 25006038



Reg No :
Name :

**UNDER GRADUATE (CBCS) SPECIAL REAPPEARANCE EXAMINATIONS,
FEBRUARY 2025**

Fifth Semester

(Offered by the Board of Studies in Zoology)

**OPEN COURSE - ZY5OPT01 - VOCATIONAL ZOOLOGY (APICULTURE,
VERMICULTURE, ORNAMENTAL FISH CULTURE)**

2022 Admission Only

BD6C02AA

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Write short note on biological method of waste filtration in an aquarium.
2. Importance of clay in aquarium.
3. What is breeding happa?
4. What is meant by live fish feed?
5. Write a note on live fish packing.
6. Differentiate male and female quails.
7. Write short note on quail meat.
8. Discuss the importance of epigeic earthworms.
9. How can you manage a vermicompost unit?
10. Write the scientific name of two species of honeybees used in apiculture.
11. Explain European foul-brood disease in apiary.
12. What is royal jelly?

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Classify aquarium based on material, size and shape.
14. Write notes on major indigenous aquarium fishes of Kerala.
15. Explain the breeding practices of Gourami.
16. Give an account on bacterial and fungal diseases of aquarium fishes.
17. Give an account on brooding patterns used in quail farming.
18. What are the different species of earthworm used in vermiculture and explain?
19. Explain the major adaptive features of queen.
20. Describe the management and maintenance of an apiary.
21. Describe the major enemies of honeybees.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain present status of ornamental fish culture in India with special reference to Kerala.
23. Write an essay on farming practices of Coturnix coturnix.
24. Explain vermicompost production and describe different steps involved in this.
25. Write an essay on bee keeping methods and equipments.

(2×15=30)

