



QP CODE: 22100090



22100090

Reg No :

Name :

**UNDER GRADUATE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
JANUARY 2022**

Fifth Semester

(Offered by the Board of Studies in Zoology)

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

2017 Admission Onwards

DBE7650B

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What is the significance of aquarium?
2. What is *Etropolis suratensis*?
3. What is the present condition of ornamental fish export from India?
4. Explain bubble nest builders.
5. What is artificial feed?
6. Write any 2 sources of quality chicks in India.
7. Discuss incubation requirements of quail eggs.
8. Discuss the features of *Eudrillus eugeniae*.
9. What is vermiremediation?
10. Define apiculture.
11. Distinguish between queen cage and queen gate.
12. Define growth period in an apiary.

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Filtration is an important process in an aquarium. Why?
14. Describe the steps involved in setting up of an aquarium.
15. Discuss in detail breeding practices of Guppy.
16. Describe about major protozoan and parasitic diseases in ornamental fishes.
17. Write the characteristic feature of quail egg and quail meat.
18. Explain the life cycle of earthworms.
19. Describe the major enemies of honeybees.
20. Give an account on honeybee diseases.
21. Give an account on by-products of honeybees.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain different live fish feed organisms used in ornamental fish culture.
23. How can you farm *Coturnix coturnix*? Discuss
24. Explain the method of vermicomposting? What are its merits and demerits?
25. Give an account on organization of honeybee colony.

(2×15=30)

