QP CODE: 21101149

21101149

Reg No : .....

Name : .....

B.Sc DEGREE (CBCS) EXAMINATION, APRIL 2021

Sixth Semester

CORE - 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

945D1D5A

Time: 3 Hours Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is foster mother in apiculture?
2. Name the communication method used by honey bee when food souce is distant.
3. What is a combfoundation sheet?
4. Abbreviate CBRTI
5. What is prostomium?
6. What is the scientific name of red wiggler worm?
7. Expand CARI
8. What is the edible meat percentage of fish?
9. What is Artemia salina?
10. Name the causative organism of Cotton wool disease in fishes.
11. What is Blanching in fish preservation?
12. What is a grow bed in aquaponics?

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Write short note on different apis species using for apiculture.
14. Describe the major enemies of honeybees.
15. Describe the uses of honey and bee wax.
16. Describe the role of vermiculture in solid waste management.
17. Write a short essay on quail egg & quail meat.
18. What are the different chemical parameters and its significance in aquaculture?
19. Breeding carps using pituitary is common method in carp culture. Explain.
20. Filtration is an important process in an aquarium. Why?
21. How can you establish a commercial ornamental fish culture unit. Explain.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Give an account on organization of honey bee colony.
23. Management and maintenance of apiary is the basic lesson in apiary. Why?
24. Write an essay on different biotic factors in aquaculture.
25. Explain different live fish feed organisms used in ornamental fish culture.

(2×10=20)