20100479

QP CODE: 20100479

Reg No : .....

Name : .....

BSc DEGREE (CBCS) EXAMINATION, MARCH 2020

Sixth Semester

Core course - ZY6CRT12 - OCCUPATIONAL ZOOLOGY (AQUACULTURE, APICULTURE, VERMICULTURE & QUAIL FARMING)

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

2017 Admission Onwards

F05DE138

Time: 3 Hours Marks: 60

Part A

*Answer any **ten** questions.*

Each question carries 1 mark.

1. Name the family of Honey bee.
2. Name the scientist who discovered round dance in honey bee.
3. What is the scientific name of wax beetle in apiculture.
4. Abbreviate KVIC.
5. What is Anecic earthworm.
6. What is the scientific name of Indian Blue earthworm.
7. What is quail farming.
8. What is cage culture in aquaculture.
9. What is thermal stratification in pond.

10. Name the causative organism of whirling disease in fishes.

11. What is wet curing in fish preservation.

12. What are live feeds.

(10×1=10)

Part B

*Answer any **six** questions.*

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

13. Social organisation of honey bee colony is a unique feature. Why?

14. Explain the process involved in the division and creation of new apiculture colony.

15. Explain the use of honey and different methods available to assess its quality.

16. Describe different steps involved in the life history of earthworm.

17. Discuss the health care in quail farming.

18. What are the different biotic parameters and its significance in aquaculture.

19. Write short notes on different exotic carps cultivated in Kerala.

20. What are the different steps involved in mussel culture.

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. Describe the major adaptive and morphological features of worker, drone and queen.

23. Different types of bee keeping methods and equipments are used in apiculutre. Explain.

24. Write an essay on carp culture.

25. Write an essay on management and maintenance of aquarium.

(2×10=20)