



QP CODE: 21102841



21102841

Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATIONS, OCTOBER 2021

Fourth Semester

Complementary Course - ZY4CMT04 - ZOOLOGY- APPLIED ZOOLOGY

(Common for B.Sc Botany Model I, B.Sc Botany Model II Environmental Monitoring And Management, B.Sc Botany Model II Food Microbiology, B.Sc Botany Model II Horticulture and Nursery Management, B.Sc Botany and Biotechnology Model III Double Main, B.Sc Family & Community Science Model I, B.Sc Food Science & Quality Control Model III, B.Sc Biological Techniques and Specimen Preparation Model III, B.Sc Botany Model II Plant Biotechnology, B.Sc Food Technology & Quality Assurance)

2019 Admission only

85E05CA7

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is the content of salt present in fresh water & brackish water?
2. Give the names of any 4 aquarium plants.
3. Name any two ectoparasitic crustaceans in fishes.
4. What are Bheries?
5. Give any 4 oysters in pearl culture.
6. What is the purpose of curing?
7. Write the scientific name of tasar silkworm.
8. What is Flacherie?
9. What is the classification of earthworms based on feeding?
10. What is the pH preference of Eisenia foetida?
11. Write the scientific name of European bees.
12. What are the medicinal uses of honey?

(10×1=10)

Part B





Answer any **six** questions.
Each question carries **5** marks.

13. How does turbidity act as limiting factor in aquaculture?
14. Write an elaborate account on algae in aquaculture.
15. Describe different methods adopted in mussel culture.
16. Explain paraffin paper rearing.
17. Give an elaborate account on silkworm mounting.
18. Describe the process of reproduction & lifecycle in earthworms.
19. What are the points to be taken care of while Selecting a suitable Site for Vermicomposting?
20. Write on bee venom.
21. Mention Growth period.

(6×5=30)

Part C

Answer any **two** questions.
Each question carries **10** marks.

22. Write an account of construction and maintenance of fresh water pond culture.
23. Mention in detail the common cultivable fishes of Kerala.
24. What is sericulture? Explain different species and the lifehistory of silkworm.
25. Write an essay on the diseases and pests of honeybees. Add a note on their control measures.

(2×10=20)

