



QP CODE: 24020727



24020727

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR EXAMINATIONS, APRIL 2024

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)

2017 Admission Onwards

1B73757D

Time: 3 Hours

Max. Marks : 60

Part A

*Answer any **ten** questions.*

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

1. What is aquaculture?
2. Mention the types of hatchery pits.
3. What is metahaline culture?
4. What is integrated fish farming?
5. Mention the role played by lemna in controlling algae.
6. Name two species of pearl producing bivalves.
7. What is meant by stifling of cocoons?
8. Write a note on septicemia.
9. Name any two species of earthworms used in vermiculture.
10. What is Vermiwash?
11. What is the function of drones in a honey bee colony?
12. Write the scientific name of the organism causing nosema disease.

(10×1=10)





Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Describe the abiotic factors in water.
14. Write a shot essay on biological filters.
15. Describe the viral infections in fishes and their preventive measures.
16. What is the significance of artificial diet in sericulture?
17. What is mounting? Describe different types of mountages.
18. Describe the classification of earthworms.
19. Write on the environmental requirements of earthworms.
20. Write on the process of acquiring bees.
21. What are the uses of beeswax?

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **10** marks.

22. Explain Induced breeding in Carp and prawn.
23. Mention in detail the method of prawn culture.
24. Write an essay on the life history of silkworm and add a note on morphological features of adult silkworm.
25. Give an account of the various equipments used in Apiculture.

(2×10=20)

