

Reg. No

Name

25U425

B. Sc. DEGREE END SEMESTER EXAMINATION - MARCH 2025

SEMESTER 4 : ZOOLOGY

COURSE : 19U4CRZOO04 : APPLIED ZOOLOGY

(For Regular 2023 Admission and Improvement / Supplementary 2022/ 2021/2020/2019 Admissions)

Time : Three Hours

Max. Marks: 60

PART A

Answer All (1 mark each)

1. What is spun silk?
2. What causes Rinderpest?
3. What is the common name of *Perna perna*?
4. What is the genus name of Dammer bees?
5. What is the average egg laying rate of a quail in an year?
6. The scientific name of the organism which causes fungal gill rot in fishes.
7. Give the scientific name of African night crawler.
8. What is moriculture?

(1 x 8 = 8)

PART B

Answer any 6 (2 marks each)

9. What is open brood ?
10. Write a note on foot and mouth disease in cattle.
11. Draw a neat diagram of the Silk gland.
12. Write a note on the incubation of 'silk seeds'?
13. Write a short note on Aquarium management and maintenance
14. Differentiate between a clitellate and clitellate stage of earthworms.
15. What is whitespot disease in fish? Write the scientific name of the causative organism.
16. What do you mean by honey super or super chamber ?

(2 x 6 = 12)

PART C

Answer any 4 (4 marks each)

17. Write a short note on Rhode Island Red chicken breed .
18. Discuss various methods of Mussel culture.
19. Write a note on the voltinism in different species of silkworms with their scientific names in a table.
20. Explain Integrated fish culture with suitable examples.
21. Which are the types of modern bee hives used in apiculture?
22. Describe the major duties of queen honey bees and drone.

(4 x 4 = 16)

PART D

Answer any 2 (12 marks each)

23. Briefly explain the aquaculture system based of salinity, intensity of inputs and stocking intensity.

24. Which are the main types of honeybees used in apiculture? Write a brief description about them.
25. Classify earthworms based on their habitat.
26. Elaborate on the major steps in silkworm rearing?

(12 x 2 = 24)