

**B Sc DEGREE END SEMESTER EXAMINATION - JULY 2021****SEMESTER 4 : ZOOLOGY****COURSE : 19U4CRZOO04 : APPLIED ZOOLOGY***(For Regular - 2019 Admission)*

Time : Three Hours

Max. Marks: 60

**PART A****Answer All (1 mark each)**

1. What is the common name of *Penaeus monodon*?
2. Scientific name of Angel fish.
3. What is a spinneret?
4. What is a Natrika?
5. Give the scientific name of redworm.
6. The special food that is given to larva to make it into a queen is called.....
7. Which chicken breed is considered the most successful in the world?
8. Which breed is used in Jallikattu?

**(1 x 8 = 8)****PART B****Answer any 6 (2 marks each)**

9. Explain what is Long line culture?
10. What is Bhery culture?
11. Write a short note on imago.
12. Write a short note on Flacherie.
13. Write a short note on anecic worms.
14. What do you mean by honey super or super chamber ?
15. What is apitherapy?
16. Write a short note on Gir breed.

**(2 x 6 = 12)****PART C****Answer any 4 (4 marks each)**

17. Summarise the symptoms and treatment methods of major bacterial diseases in fishes
18. Discuss the various aspects of pond construction for fish culture.
19. Write a note on the silk glands and draw a neat diagram.
20. Write a brief description on the life cycle of honey bees .
21. What do you mean by honey flow period and dearth period?
22. Write a short note on Plymouth rock chicken breed.

**(4 x 4 = 16)****PART D****Answer any 2 (12 marks each)**

23. Discuss the culture aspects of commonly cultivated finfish species used in Kerala.
24. Elaborate on diseases, pests and their preventive measures
25. Classify earthworms based on their habitat.
26. Elaborate on the social organization of honey bees.

**(12 x 2 = 24)**