

**SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024****(Regular/Improvement/Supplementary)****ZOOLOGY: COMPLEMENTARY COURSE FOR BOTANY****GZOL2C02T: ECONOMIC ZOOLOGY****Time: 2 Hours****Maximum Marks: 60****SECTION A: Answer the following questions. Each carries *two* marks.****(Ceiling 20 Marks)**

1. Comment on the significant roles played by vectors.
2. Write notes on the harmful effects of *Cimex* infestation.
3. What is fish seed?
4. What is zoonoses?
5. List out the damages caused by *Rhynchophorus* on coconut palm.
6. Comment on the prerequisites for pisciculture.
7. What is tussar silk?
8. Write notes on 'Janakeeya matsyagrishi'.
9. Mention the importance of honey bee queen.
10. Name the causative agent and vector for kala-azar.
11. State the importance of pruning of host trees in lac culture.
12. Highlight the importance of aquarium plants in ornamental fish farming.

**SECTION B: Answer the following questions. Each carries *five* marks.****(Ceiling 30 Marks)**

13. Explain the harmful effects and control measures for infestation by *Pediculus humanus*.
14. Describe *Leptocorisa* as a pest of paddy. Discuss its control measures.
15. Comment briefly on any three mosquito borne human diseases.
16. Briefly discuss the status of aquaculture in Kerala.
17. Elaborate the economic importance apiculture.
18. Discuss briefly about pathogenicity of *Schistosoma*.
19. Detail out the steps in artificial cultivation of lac insects.

**SECTION C: Answer any *one* question Each carries *ten* marks.**

20. Compare chemical and biological control methods of pest control. Discuss the advantages and disadvantages of both.
21. Write an essay on pearl culture.

**(1 x 10 = 10 Marks)**

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