

D2BZL2202

Reg.No.....

Name: .....

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2023

(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. Give the genus name of the definitive host and vector of human malaria.
2. How does *Wuchereria* cause filariasis?
3. Comment on the harmful effects *Xenopsylla* infestation.
4. Write methods for bed bug control.
5. What is nacre?
6. Comment on apitherapy.
7. What is swarming?
8. What is IPM?
9. What is pest out break?
10. Write down the control measures adopted for infestation by *Sitophilus*.
11. What is induced spawning?
12. Comment on insect parasitoids.

SECTION B: Answer the following questions. Each carries *five* marks.

(Ceiling 30 Marks)

13. Discuss briefly about the pathogenicity of *Enterobius*.
14. Explain in detail the different farming methods of mussel.
15. Give an account on the aquaculture methods suitable for Kerala.
16. Provide a brief account of ornamental fish farming.
17. Detail out the biological control of pest species.
18. Briefly discuss about pearl culture.
19. Detail out the common pest of paddy.

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

20. Discuss in detail about life cycle of *Schistosoma haematobium*.
21. Explain the social organisation of honey bees.

(1 x 10 = 10 Marks)