

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, MAY 2018

(CUCBCSS-UG)

Complementary Course

ZOL 2C 02 – ECONOMIC ZOOLOGY

Time : Three Hours

Maximum : 64 Marks

A. Answer *all* questions. Each question carries 1 mark :

1. What is a facultative parasite?
2. Write down the scientific name of human tape worm.
3. Name one pest of stored grains.
4. What is a parasitoid?
5. What are the pathogenic effects of pin worm?
6. Name the larval stage of the house fly.
7. The male honey bee is known as _____.
8. The vector of plague is _____.
9. Give the name of a common species of prawn used for culture.
10. Name the bacteria used for biocontrol of lepidopteran pests.

(10 × 1 = 10 marks)

B. Answer any *seven* questions in two or three sentences each. Each question carries 2 marks :

11. Distinguish between Infection and Infestation.
12. What are the causes of pest outbreaks?
13. What is the composition of honey?
14. Give the scientific names of any *two* ornamental fishes.
15. How is a nuclei in pearl culture prepared?
16. How will you control the spread of *Taenia solium*?
17. Why is pediculosis considered an infectious disease?
18. Write a short note on *Phthirus*.
19. How are pheromones used to control insect pest?
20. Write a brief note on the lac insect and its product.

(7 × 2 = 14 marks)

Turn over

C. Answer any *four* questions in not more than a paragraph each. Each question carries 5 marks :

21. What are the various sources of contamination of food?
22. Give a brief account of the life cycle of *Schistosoma haematobium*.
23. How will you prevent mosquito borne diseases?
24. What damage do the following cause? (a) *Opisinia* ; (b) *Aceria*.
25. Write a brief note on Chikungunya.
26. What is the scope of aquaculture in Kerala?

(4 × 5 = 20 marks)

D. Write essays on any *two* of the following. Each question carries 10 marks :

27. Write an essay on any *two* pests of agricultural plants.
28. Discuss the role of insect vectors in the transmission of diseases in man.
29. Write an essay on integrated pest management.
30. Describe how prawns are cultured.

(2 × 10 = 20 marks)