

C 63007

(Pages : 2)

Name.....

Reg. No.....

**SECOND SEMESTER B.Sc. DEGREE EXAMINATION, MAY 2015**

(CUCBCSS-UG)

Complementary Course—Zoology

ZO 2C 04—ECONOMIC ZOOLOGY

Time : Three Hours

Maximum : 64 Marks

I. Answer *all* ten questions :

- 1 The condition in which an organism is alternatively parasitic and free living.
- 2 The purest and finest form of lac.
- 3 Amoebiasis is caused by :
- 4 The vector of malarial parasite.
- 5 The Indian pearl oyster.
- 6 The pheromone substance produced by the queen honey bee to inhibit ovarian development in worker bees.
- 7 The mulberry silk moth.
- 8 The blood fluke.
- 9 The tiger prawn.
- 10 The filarial parasite.

(10 × 1 = 10 marks)

II. Answer any *seven* questions :

- 11 What is polyembryony ? Give an example.
- 12 What is meant by a digenetic parasite ? Give an example.
- 13 Briefly explain raft culture.
- 14 Write a short note on the economic importance of honey.
- 15 What are the damages caused by red palm weevil ?
- 16 Explain the transmission of Schistosoma.
- 17 What is isinglass ? Mention its uses.
- 18 What is Zoonosis ?
- 19 What is a key pest ? Give an example.
- 20 What is ancylostomiasis ?

(7 × 2 = 14 marks)

Turn over

III. Answer any *four* questions :

- 21 Explain the morphological modifications of worker honey bees.
- 22 Explain host-parasite specificity.
- 23 Explain the parasitic adaptations of *Taenia solium*.
- 24 What is IPM ? Explain its advantages.
- 25 Describe the steps involved in silk production.
- 26 What are the characteristics of a culturable fish ?

(4 × 5 = 20 marks)

IV. Answer any *two* questions :

- 27 Write an essay on the causes of pest outbreak.
- 28 Explain the steps involved in pearl culture.
- 29 Explain the life history of *Entamoeba histolytica*.
- 30 Write an essay on the vectors of human diseases and their control.

(2 × 10 = 20 marks)