

**LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034**



**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**

**FIRST SEMESTER – NOVEMBER 2018**

**18/17/16UZO1MC03/AZ 1508 – ECONOMIC ENTOMOLOGY**

Date: 31-10-2018

Dept. No.

Max. : 100 Marks

Time: 09:00-12:00

**PART A**

**Answer ALL questions**

**(10 x 2 = 20)**

- 1) What are the different methods of collecting insects?
- 2) What are internal and external feeders?
- 3) Name any two pests of rice.
- 4) What is a vector?
- 5) List the pests of domestic animals.
- 6) Name the different types of honey bees.
- 7) List the enemies of honey bees.
- 8) What are the diseases of silkworm?
- 9) Define IPM.
- 10) What do you understand by LC<sub>50</sub> and EC?

**PART B**

**Answer any FOUR questions**

**(4 x 10 = 40)**

- 11) Give the outline classification of class Insecta.
- 12) Comment on the locusts and their control measures.
- 13) Write short notes on rice thrips and add a note on their control measures.
- 14) Give an account on housefly in relation to public health.
- 15) Explain the life history of mulberry silkworm.
- 16) Comment on the biological control of insect pests.

**PART C**

**Answer any TWO questions**

**(2 x 20 = 40)**

- 17) Write an essay on causes of insects assuming pest status.
- 18) Give a detailed account on the insect pests of stored grains and their preventive and curative methods.
- 19) Describe the different diseases of honey bees and add an account on the salient features of sericulture industry.
- 20) Write an essay on Integrated Pest Management.

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