

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

**B.Sc. DEGREE EXAMINATION – ADVANCED ZOOLOGY & BIOTECH.**

THIRD SEMESTER – APRIL 2010

**ZOO 200 - AGRICULTURAL ENTOMOLOGY**

Date & Time: 24/04/2010 / 9:00 -12:00 Dept. No.

Max. : 100 Marks

**PART - A**

Answer **ALL** the questions

10 x 2 = 20 Marks

1. What do you mean by pest?
2. Name the mouth parts in an insect.
3. What is termatorium?
4. Give the scientific names of any two pests of sugarcane.
5. Comment on camera lucida?
6. What are fumigants?
7. Write a note on light trap.
8. What is a bio-pesticide?
9. Define contact poison.
10. What is a micron?

**PART – B**

Answer any **FOUR** of the following

4 x 10 = 40 Marks

11. Write notes on any two pests of coconut and their control.
12. Write notes on social life in termites.
13. Categorize insecticides based on mode of action.
14. Write notes on any two pests of paddy and their prophylaxis.
15. Explain the life cycle of locusts and their control measures.
16. Give the life cycle of *Heliothus armigera*

**PART – C**

Answer any **TWO** of the following

2 x 20 = 40 Marks

17. Write an essay on insecticides.
18. Write an essay on biological control.
19. Explain the steps involved in integrated pest management.
20. Discuss the reasons for insects attaining pest status.

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