



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

**M.Sc. DEGREE EXAMINATION - ZOOLOGY**

**FOURTH SEMESTER – APRIL 2013**

**ZO 4802 - APPLIED ENTOMOLOGY**

Date : 25/04/2013  
Time : 1:00 - 4:00

Dept. No.

Max. : 100 Marks

**Part A**

**Answer All the questions:**

**(10×2=20 Marks)**

1. Write the characteristic features of locust.
2. Name any four groundnut pests.
3. What are the instruments used to collect the insect pests?
4. Differentiate horse fly from sand fly with examples.
5. Comment on maggot.
6. Define repellents and antifeedant.
7. What are the types of parasites? Give an example each.
8. Differentiate pests from predators
9. Enlist the organic and inorganic pesticide.
10. What are plant protection appliances?

**Part B**

**Answer any FOUR questions**

**(4×10=40 Marks)**

11. How stored grains are protected from pest? – Elaborate.
12. What is pesticide formulation? Explain the method of pesticide formulation?
13. Explain Integrated Pest Management.
14. Discuss any five veterinary pests.
15. Describe the spray application and dust application methods.
16. Write an account on fly control management.

**Part C**

**Answer any TWO questions**

**(2×20=40 Marks)**

17. Differentiate insecticide from pesticide. Describe the biological control of insect pests.
18. Write an essay on sericulture.
19. Explain chemical, biological, mechanical and cultural methods of pest control.
20. Form an essay on collection, preservation, mounting and labeling of insect pests.

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