



**EASTERN UNIVERSITY, SRILANKA.**  
**THIRD EXAMINATION IN SCIENCE 2008/2009 (Feb-2010)**  
**FIRST SEMESTER (Proper & Repeat)**  
**ZL 304 ENTOMOLOGY I & II**

**Time: 02 Hours.**

**Answer all questions.**

**(Illustrate your answers with clear labelled diagrams where necessary)**

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1. Briefly describe the modifications of insect legs for different modes of life.
2. Comment on **any two** of the following:
  - a) Chordotonal organs
  - b) Excretion through malpighian tubules
  - c) Defense mechanisms in insects
3. a) What is a pest?  
b) With known examples, describe briefly different kinds of agricultural pests found in Sri Lanka.
4. Write short notes on **any two** of the following:
  - a) Botanicals as insecticides
  - b) Endocrine based insecticides
  - c) Ecological factors influencing the development of insects as pests.

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