

EASTERN UNIVERSITY, SRI LANKA
THIRD EXAMINATION IN SCIENCE 2004/2005 (JANUARY 2006)

FIRST SEMESTER

ZL 304-ENTOMOLOGY I & II

Time 02 hrs

Answer all questions

(Illustrate your answers with clear labelled diagrams where necessary)

PART I

1. Briefly describe respiration and the respiratory systems in insects that belong to the order Odonata.
2. Write short notes on the following:
 - a) Mouth parts of plant bugs
 - b) Defense in insects

PART II

3. Write short notes on the following:
 - a) Biomagnification of organochlorines and its consequences
 - b) Characteristic features of efficient parasitoids
4. Discuss the role of *Bacillus thuringiensis* in insect pest management

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