



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

Time: 02 Hours.

Answer all questions.

(Illustrate your answers with clear labelled diagrams where necessary)

1. a) What is metamorphosis?  
b) Distinguish between holometabolous and hemimetabolous metamorphosis.  
c) Briefly describe the role of hormones in metamorphosis.
2. Comment on **any two** of the following:  
a) Campaniform sensillum  
b) Blood circulation in insects  
Predatory adaptations in insects.
3. a) What is integrated pest management (IPM) ?  
b) Discuss the advantages of IPM.
4. Write short notes on **any two** of the following:  
a) Pheromones in insect monitoring  
b) Organo phosphate insecticides  
c) Inundation.

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