



EASTERN UNIVERSITY, SRI LANKA  
THIRD EXAMINATION IN SCIENCE 2007/2008 (Dec 2008)  
FIRST SEMESTER  
ZL 304 ENTOMOLOGY I&II

Time: 02 hours.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where appropriate)

1. a). State the major diagnostic characters of the order Coleoptera.  
b). Name two specialized organs found in coleopterans.  
c). Draw and label one of the specialized organs that you have mentioned in 1b.  
d). With examples, describe the functions of the specialized organ you have drawn in 1c.
2. Comment on **any two** of the following:
  - a). Parasitic insects
  - b). Respiration in aquatic insects
  - c). Mechano receptors.
3. a). What is meant by the term biological control with reference to pest management?  
b). Describe the different methods of biological control that are used against insect pests.
4. Write short notes on **any two** of the following:
  - a). Biomagnification of insecticides
  - b). Insect pheromones
  - c). Economic threshold level of insect pests.

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