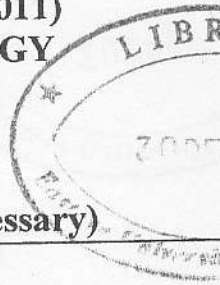


**EASTERN UNIVERSITY, SRI LANKA**  
**THIRD YEAR EXAMINATION IN SCIENCE 2009/2010**  
**FIRST SEMESTER (PROPER) (June/July 2011)**  
**ZL 304 INSECT TAXONOMY AND BIOLOGY**



**Time: 01 hour.**

**Answer all questions.**

**(Illustrate your answer with labeled diagrams where necessary)**

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1. a). State the major characters of the order Hemiptera.
  - b). Describe the structure and function of the specialized organ found in the members of Hemiptera for sound production.
  - c). Indicate the adaptations shown by the members of this order for terrestrial life.
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2. Write concise notes on **any two** of the following:
    - a). Leg modification in honey bees;
    - b). Entomophagous insects;
    - c). Respiration in aquatic insects.

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