

EASTERN UNIVERSITY, SRI LANKA  
THIRD YEAR EXAMINATION IN SCIENCE 2010/2011 (April 2013)  
FIRST SEMESTER (PROPER & REPEAT)  
ZL 304 INSECT TAXONOMY AND BIOLOGY



**Time: 01 hour.**

**Answer all questions.**

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

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- 1 a). List the major characteristic features of the order Hymenoptera.
  - b). Comment on leg modifications that are found in some members of this order for its mode of life.
  - c). Discuss briefly the social behavior pattern of this order.
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2. Write short notes on any two of the following:
    - a). Phytophagous insects
    - b). Photogenic organ and luminescence
    - c). Campaniform sensillum

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