

EASTERN UNIVERSITY, SRI LANKA
THIRD YEAR EXAMINATION IN SCIENCE 2013/2014 (MAY/June 2016)
FIRST SEMESTER (PROPER & REPEAT)
ZL 304 INSECT TAXONOMY AND BIOLOGY



Time: 01 hour.

Answer all questions.

Illustrate your answer with clear labeled diagrams where necessary)

- a). List at least five characteristic features of the order Hemiptera and give five examples for this order. (10 marks)
 - b). Discuss briefly the mouth parts adaptation that is found in this order for plant feeding. (17 marks)
 - c). Comment on tympanic organ and sound production. (23 marks)
2. Write short notes on **any two** of the following:
- a). Haemolymph circulation in the heart of an insect; (25 marks)
 - b). Nephrocytes; (25 marks)
 - c). Ectoparasitic insects and their adaptations. (25 marks)

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