

**EASTERN UNIVERSITY, SRI LANKA**  
**FACULTY OF AGRICULTURE**  
**FINAL YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE 2005 / 2006**  
**AGB 4114 - INSECT PHYSIOLOGY (2: 30 / 00)**

**Answer all questions**  
**Time: Two hours**

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1. Briefly describe the physiological aspects of the following functions
  - a) Respiration
  - b) Excretion
  
2. Write short notes on the following:
  - a) Moulting in insect
  - b) Hemocytes of insect
  
3. Discuss the processes that are occurring during the "absorption of nutrients" in insects:
  
4. a) List different types of parthenogenesis found in insects  
b) Give a brief account on nerve impulsion of insect