

EASTERN UNIVERSITY, SRI LANKA
SPECIAL DEGREE EXAMINATION IN ZOOLOGY PART II (2007/2008)
(March 2010)

ZL 415 ADVANCED PEST MANAGEMENT

Time: 02 hours.

Answer all questions.

(Illustrate your answers with clear labeled diagrams where necessary)



1. Write briefly about **all** of the following:
 - a. "Pests in first strategy"
 - b. Good agricultural practices
 - c. Concept of biotypes.

2. Write briefly about **all** of the following:
 - a. Name three important pests of stored products
 - b. Describe the life cycle of any **one** of them
 - c. If you were in charge of rice stores in your area, describe the steps you would take to prevent or reduce losses by insect pests.

3. Describe the use of *Bacillus thuringiensis* as a microbial insecticide.

4. What do you understand by pesticide residues? Comment on the fate of residues in soil and water in tropical and subtropical countries.

END