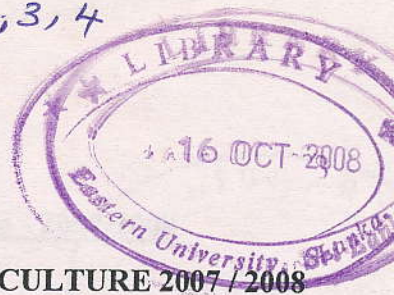


2008/09/2,3,4



EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE 2007 / 2008

AGB 2101 – PEST MANAGEMENT AND TECHNIQUES (3: 30 / 30)

Answer all questions

Time: 02 hours

1. Write an account on bionomics and control of the following insect pests:
 - a) Rice Yellow Stem Borer
 - b) Diamond Back Moth
 - c) Rice Seed Bug

2. Differentiate between the following:
 - a) Bio-magnification and Bio-degradation of insecticides in the ecosystem
 - b) Acute and Chronic Toxicity
 - c) Super-parasitism and multi-parasitism
 - d) "Pest in First" strategy and "Banker plant" techniques

3. a) What do you understand by "Integrated Pest Management (IPM)"?
b) Briefly describe an IPM programme to maintain Brown Plant Hopper (BPH) of rice below economic threshold level

4. Write short notes on the following:
 - a) Resurgence of insect pests
 - b) Microbial Insecticides