

EASTERN UNIVERSITY, SRI LANKA

FACULTY OF AGRICULTURE

SECOND YEAR SECOND SEMESTER EXAMINATION IN AGRICULTURE - 2005 / 2006

AGB 2201 - PEST MANAGEMENT AND TECHNIQUES

Answer all questions

Time Allocated: 02 hours

- 1) Briefly describe the mode of action of following agents on insects
 - a) *Bacillus thuringiensis*
 - b) Organo phosphate
 - c) Organo chlorine
- 2) Differentiate
 - a) Key pest and Non-pest
 - b) "Pest in first" strategy and "Banker plant" techniques
 - c) Endo parasite and Ecto parasite
 - d) White head and Dead heart
- 3) Discuss the strategies adopted to reduce the pest resurgence
- 4) Write an account on bionomics and control of the following insect pests
 - a) A coleopteran insect pest of coconut that has horn in their head
 - b) A hemipteran insect pest of rice that causes "Hopper Burn" in rice crop
 - c) A dipteran insect pest of cucurbits that forms mines in the leaves of cucurbits

