

EASTERN UNIVERSITY, SRI LANKA

SECOND YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE 2004 / 2005

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

Answer All questions
Time: Two hours

Answer all questions

Time: 02 hours

1. Write an account on bionomics and control of the following insect pests:
 - a) A dipteran insect pest of mango
 - b) A hemipteran insect pest of rice that produce foul odour
 - c) A coleopteran insect pest of coconut that has snout in their head

2. Differentiate the followings:
 - a) Biomagnification and Biodegradation of insecticides in the ecosystem
 - b) Cross resistance and multiple resistance in insects
 - c) Superparasitism and multiparasitism
 - d) Economic threshold level and economic injury level

3. Discuss the potential of using microbial insecticide in pest management.

4. Write short notes on the followings:
 - a) Mass rearing of insect parasitoids
 - b) Resurgence of insect pests
 - c) Inoculative release of bio-control agents

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