

EASTERN UNIVERSITY, SRI LANKA
FACULTY OF AGRICULTURE
FINAL YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE 2005 / 2006
AGB 4115 – INSECTICIDE TOXICOLOGY (2: 15 / 30)

Answer all questions

Time: One hour

1. a) List out the different pathways of insecticide detoxification.
- b) Briefly describe the detoxification pathways of following insecticides.
 - i) DDT
 - ii) Carbomates
 - iii) Pyrethroids

2. a) List out different kinds of resistance against insecticides found in insects.
- b) Describe how the resistance is developed in Brown Plant Hopper when same insecticide is applied continuously for three or four generations.