

EASTERN UNIVERSITY, SRI LANKA
FACULTY OF AGRICULTURE
FINAL YEAR FIRST SEMSTER EXAMINATION IN AGRICULTURE 2007 / 2008
AGB 4115 – INSECTICIDE TOXICOLOGY (2: 15/30)



Answer All Questions
Time allowed: 01 hour

1) Briefly describe the following

- a) Detoxification phases found in insect to detoxify the insecticide
- b) Degradation processes of insecticides contaminated with soil

2) Differentiate between the following with suitable examples

- a) Cross resistance and Multiple resistance
- b) Stationary phase and Mobile phase of Thin Layer Chromatography
- c) Synaptic poison and Axonic poison
- d) Oxidation and Reduction processes of DDT
- e) O-dealkylation and N-dealkylation of insecticides