



EASTERN UNIVERSITY, SRILANKA
FINAL EXAMINATION IN AGRICULTURE (500 SERIES)
2000/2001
INSECT PLANT RELATIONSHIP (ABI 415)

TIME ALLOWED: THREE HOURS
ANSWER ALL QUESTIONS

1. Describe the role of **secondary plant substances** in plants, with suitable examples.
2. Write notes on the following:
 - a) Antibiosis as a resistance mechanism in plants
 - b) Problems in using plant resistance in the management of insect pests.
3. Write notes on the following:
 - a) Theory of apparency
 - b) Kairamones and allomonones
4. Describe the physical and nutritional problems faced by insects in plants
5. Write notes on the following:
 - a) Factors affecting species diversity on crops.
 - b) Chemoreceptors in insects