

EASTERN UNIVERSITY, SRILANKA
FINAL EXAMINATION IN AGRICULTURE (500 SERIES)
(2000/2001)
ADVANCED PEST MANAGEMENT

TIME ALLOWED: THREE HOURS
ANSWER ALL QUESTIONS

1. Describe the characteristic features of the parasitoid *Trichogramma* and comment on its potential as a biological control agent.

2. Write **short notes** on the following:
 - a) Resurgence of pests
 - b) **Economic threshold level** in insect pest management
 - c) Pesticide residues

3. Describe an integrated pest management strategy that could be used to minimize brown plant hopper (*Nilaparvata lugens*) attack in the Eastern region of Sri Lanka.

4. Write notes on the following:
 - a) Biological control of **glass house white flies**
 - b) **Genetically modified plants** in insect pest management

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