



The Open University of Sri Lanka  
 Faculty of Engineering Technology  
 Diploma/Bachelor of Industrial Studies (Agriculture) Programme  
 Final Examination - 2015/2016

AEX4230 Integrated crop protection

Date : 04 - 12 - 2016  
 Time : 0930 - 1230 hours  
 Duration : Three (03) hours

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**SECTION 2: Answer any four (04) questions.**

1. i. Explain the damage of following pests on coconut palms and discuss the control methods.
  - a.) *Promecotheca cumingi*
  - c.) *Rhynchophorus ferrugineus*
- ii. Discuss the damage and control methods of Shot Hole Borer attack of tea.
2. i. Differentiate the acute versus chronic toxicity of insecticides.
- ii. Discuss different pesticide formulations in relation to its method of application.
3. "Sri Lankan Agriculture free from harmful agrochemicals" Critically discuss the possibilities or impossibilities of applying above statement in Sri Lanka.
4. Write an essay on "Influence of environment on plant diseases"
5. Write an essay on "Interference of weeds on agricultural activities".
6. Write short notes on any four (04) of the following.
  1. Importance of Insect Growth Regulators on insect pest control.
  2. Cultural control of insect pests.
  3. Economic factors affecting pest control.
  4. Factors influencing the arising of disease epidemic condition.
  5. Preventive weed control methods.