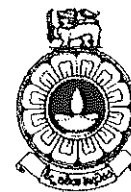


The Open University of Sri Lanka  
 Faculty of Engineering Technology  
 Department of Agricultural and Plantation  
 Engineering



Index number .....

Study Programme	: Bachelor of Industrial studies Honours in Agriculture
Name of the Examination	: Final Examination
Course Code and Title	: <b>AGX4530/AEX4230 Integrated Crop Protection</b>
Academic Year	: 2019/2020
Date	: 06 <sup>th</sup> October 2020
Time	: 13:30-16:30 hrs

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

1. (a) Explain the 'Role of resistant varieties in pest management' (10 marks)
- (b) Write an essay on biological control of pests. (15 marks)
2. (a) Classify the pesticides as per the mode of action. (5 marks)
- (b) Graphically illustrate and label the Acute versus chronic toxicity. (10 marks)
- (c) Explain the development of pesticide resistance in insects. (10 marks)
3. Explain the factors effect on plant disease development. (25 marks)
4. 'In disease management identifying a plant disorder is the key to provide an effective controlling method/s'. Explain the statement by discussing the factors that can be used to identify the disease correctly. (25 marks)
5. Discuss the interference of weeds for the growth of paddy from the date of planting to harvesting. (25 marks)
6. (a) Explain the importance of formulating the pesticides. (10 marks)
- (b) Discuss the different pesticide formulations. (15 marks)

