



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



Study Programme	: Bachelor of Industrial studies Honours in Agriculture
Name of the Examination	: Final Examination
Course Code and Title	: AGX4530/AEX4230 Integrated Crop Protection
Academic Year	: 2017/2018
Date	: 05 th of February 2019
Time	: 0930-1230hrs
Duration	: 3 hours

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SECTION 2: Answer any four (04) questions.

1. (a) Explain the brown plant hopper attack of paddy by concerning damage, favourable behaviour of the pest life cycle and control methods. (10 marks)
- (b) Write an essay on 'preventing the pest attacks in paddy stores'. (15 marks)
2. Introduce an Integrated Pest management (IPM) programme for a newly establishing vegetable and fruit crop field in the Intermediate Zone of Sri Lanka. (25 marks)
3. Discuss the factors affecting on epidemic disease development of plants. (25 marks)
4. Uncommon disease symptoms appeared in a paddy field in Wet Zone of Sri Lanka and identified the disease is a fast spreading. Explain the procedure of detecting and recognizing the disease. (25 marks)
5. Introduce a suitable Integrated Weed Management (IWP) programme for a paddy field located in the Dry Zone of Sri Lanka. (25 marks)
6. Write short notes on any two (02) of the following. (12.5 marks each)
 - i. Termite damage in tea plantations.
 - ii. Typical life cycle of Nematodes
 - iii. Pesticides formulations
 - iv. Biological control of weeds

