



The Open University of Sri Lanka
Faculty of Engineering Technology
Diploma/Degree in Technology/Industrial Studies (Agriculture)
Final Examination- 2014/2015

AEX4230 Integrated crop protection

Date : 28 - 08 - 2015
Time : 0930 - 1230 hours
Duration : Three (03) hours

SECTION II

1. a.) Discuss the importance of integrated pest management. (10 marks)
b.) Explain the steps to follow when developing an integrated pest management (IPM) in an agricultural system. (15 marks)
2. Critically evaluate the cultural controlling of pests. (25 marks)
3. Explain the influence of environment on plant disease development. (25 marks)
4. Describe the steps of detecting and recognizing plant diseases for successful controlling. (25 marks)
5. Discuss a suitable Integrated Weed Management (IWM) programme for a paddy field. (25 marks)
6. Write short notes on any four (04) of the following. (6.25 for each)
 1. Factors affecting pest control
 2. Controlling pests of stored products
 3. Shot hole borer attack of tea
 4. Dynamic resistance method of disease management in plants
 5. Use of fungicides for disease controlling