

UGANDA MARTYRS UNIVERSITY

FACULTY OF AGRICULTURE

Bachelor of Science in Agriculture **Bachelor of Science in Organic Agriculture**

Year 1 Final Assessment: Academic Year 2014/2015

Module AG10/OA9: Integrated Pest Management

Date: Monday, 6th July, 2015 Time: 10:00am – 01:00pm

INSTRUCTIONS:

- Read and understand the question before answering
- Select and answer any **Four Questions**
- Do not write anything on a question paper
- Answer each question on a separate sheet
- You are allowed **Three Hours** for the examination

1. a) What is IPM?
b) What is the future of IPM?
2. From your knowledge of principles of IPM, what would you advise a farmer to consider at the principle of
a) Prevention
b) Pest biology and ecology
3. While monitoring, regular surveys are done.
a) When should these surveys be done?
b) What is the purpose of these surveys in IPM?
4. Describe the methods of pest management and explain how the different methods of pest management interact in IPM
5. Discuss how varying planting time contributes to crop health and prevention of pest damage in crop production
6. Crop rotation is used in IPM as a pest management option. How does it work?
7. Explain the three forms of host plant resistance in IPM giving relevant examples.