

**UGANDA MARTYS UNIVERSITY
FACULTY OF AGRICULTURE**

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

**Module AG5/OA3: Organic Farming
Supplementary and Special exams September 2015**

Instructions:

Read and understand the questions before answering.

Answer any four (4) questions

All questions carry equal marks

Start each answer on a separate answer sheet.

1. Write short notes on the following topics:
 - (i) What is the importance of soil organic matter in sustaining crop production?
 - (ii) What is the importance of conserving environment on an organic farm?
 - (iii) Healthy foods are very important in sustainable development of household and the nation.
 - (iv) Give reasons why organic land preparation is important in sustainable crop production.
2. (a) Explain how the nutrients which are necessary for crop development are lost from the farm. (12 marks)
- (b) Suggest reasons why farmers are not active in managing nutrient flow on their farms (13 marks)
3. (a) Write a one page essay to describe the benefits of integrating animals in organic farming system. (25 marks)
4. Give an account why direct producer –consumer relationship marketing model has not developed in Uganda. (25 marks)
5. Explain how organic farming is the most successful system that can effectively mitigate effects of climate change in Uganda. (25 marks)
6. Choose one crop from the list below to describe, physical, chemical and biological organic methods which are suitable while controlling common diseases and pests of the selected crop. (25 marks)
 - (a) Banana
 - (b) Coffee
 - (c) Cotton