

UGANDA COARTYRS UNIVERSITY
FACULTY OF AGRICULTURE
Examinations 2013-2014

Bachelor of Science in Agriculture Year 2
Bachelor of Science in Agriculture Year 1

Exam: Organic Farming

Time: 02:00pm – 05:00pm (3 Hrs)

Date: 30th June 2014

Instructions:

- i. Attempt any four questions
- ii. Write clearly, number the questions appropriately on the answer booklet
- iii. Read and understand the instructions on the last page of the answer booklet
- iv. Do not write anything on a question paper

1. (a) Explain what you understand by the term organic agriculture. (5 marks)
(b) Briefly explain how the principles of organic agriculture help the farmers to produce food for the growing population in the world. (20 marks)
2. (a) Describe why slash and burn practice is highly discouraged in organic farming. (15 marks)
(b) Describe ways an organic farmer can establish a sustainable farm in an originally primary forest area while respecting principles of organic farming. (10 marks)
3. (a) Describe reasons why crop rotation is an important practice on an organic farm. (22 marks)
(b) Explain reasons why crop rotation is not adequately practiced. (3 marks)
4. Describe important factors to take into account when designing and constructing animal houses on an organic farm. (25 marks)
5. With an illustrated diagram explain how water infiltration is increased on organic farm. (25 marks)
6. Explain reasons why organic farming is very important for Africa. (25 marks)
7. (a) Describe the term green manuring as one of the organic farming practice. (25 marks)
(b) Explain the benefits of implementing green manuring.
(c) Discuss what hinders the implementation of modern green manuring?