

Uganda Martyrs University

Faculty of Agriculture

Final Examination 2021-2022

Bachelors of Science in Agriculture Year Two
Bachelors of Science in Ecological Organic Agriculture Year Two

Module: BSAG 2215 / BSEOA 2216: Agricultural Food Systems Management

Time: 09:30 am – 12:30 pm Date: Monday 08th August 2022

Instructions:

- i. Attempt **FOUR Questions**
 - ii. Each question is 25 marks
 - iii. *Do not write anything on the question paper*
 - iv. *Time: Three hours*
-

1. What are the factors and challenges leading to the current famine crisis in Karamoja region? (25 Marks)
2. a) What is Food Security? (05 Marks)
b) Using illustrations describe the food pipeline. (20 Marks)
3. a) What is Global warming? (05 Marks)
b) Discuss the various climate smart approaches that can be adopted in agriculture. (20 Marks)
4. a) What are food systems? (10 Marks)
b) Compare conventional and modern food systems. (15 Marks)
5. Describe the various morphological and physiological factors one has to consider when selecting seed for planting. (25 Marks)
6. Agroecology is governed by various principles, discuss these principles. (25 Marks)
7. a) What is Soil? (05 Marks)
b) Soil improvement can be done using various practices, describe these practices. (20 Marks)
8. Which practices can Africa adopt to manage her food systems better? (25 Marks)