

# Uganda Martyrs University

## Faculty of Agriculture

Bachelor of Agricultural Economics I-2020/2021

Semester 1 Final Exam

Course Unit: CRE 2104 –Perennial Crops Agronomy

Date: 6/7 / 2021

Time: 09:30am-03:00 pm

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### Instructions:

- (i) Answer any **FOUR** Questions
- (ii) Each question is **25** marks
- (iii) Send to: [tnamutebi@umu.ac.ug](mailto:tnamutebi@umu.ac.ug)

- 1). As a student of Crop agronomy, how would you improve on soil conditions in order to increase crop production of a particular crop in your region? **( 25 marks)**
- 2). Technology and innovation is the way to go in order to abate the climate changes in Uganda. Discuss the appropriate technologies and innovations ordinary farmers can adapt to increase annual crop yields in your area. **(25 marks)**
- 3). Discuss climate adapted crop development and farming practices under diversification or crop substitute. **(25 marks)**
- 4). Discuss the major agricultural crop agronomic practices that facilitate good crop production. **(25 marks)**
- 5a). An agronomist is a scientist who studies the principles and practices of crop production and soil management for production of food for human beings and feed for their animals. With clear explanation, elaborate on your importance as an agronomist. **(15 marks)**

- b). Mulching and pruning are key agronomic practices recommended for good management of all perennial crops. Discuss the benefits and hurdles associated with these practices. **(10 marks)**
- 6). Discuss the objectives of land preparation. **(25 marks)**
- 7). Agriculture is a highly paying business when appropriately done. With two appropriate examples, explain what this statement means. **(25 marks)**
- 8). Discuss the factors that favor the production of perennial crops in Uganda. **(25 marks)**

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