

Uganda Martyrs University

Faculty of Agriculture

Final Examination 2021-2022

Bachelors of Science in Agriculture Year Three

Bachelors of Science Agriculture Year Four

Module: BSAG 3221: Farm Planning and Management

Time: 09:30 am – 12:30 pm

Date: Saturday 06th August 2022

Instructions:

- ANSWER QUESTION 1 IN SECTION A AND ANY OTHER 3 QUESTIONS FROM SECTION B
 - Start every question on a **new** page
 - Do not write on the question paper
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SECTION A

Question 1

- Define the terms depreciation and scrap value **(4 marks)**
- In May 2012, Uganda Martyrs University bought tractor implement at a value of **UGX 1,946,545/=**. The documentation for the implement indicated that the implement would be useful for a period of 6 years, and the salvage value of the implement was expressly stated in Uganda Shillings as 1000, 000/= What was the depreciation and scrap value of the tractor implement after 6 years (Hint; Use either, the sum of the years' method or the Declining balance method) **(21 marks)**.

SECTION B

Question 2

- What is a production function and how does it differ from the production theory **(6 marks)**
- The formula $Y = f(X_1, X_2, X_3, X_4 \dots, X_n)$, represents a production. Describe what each of the components of the formula represents **(3 marks)**
- With relevant illustrations, explain the types of the production function **(16 marks)**

Question 3

- a) What are the salient features that differentiate the following sets of terms as used in farm management
- i) Power versus authority **(4 marks)**
 - ii) Control versus Accountability **(4 marks)**
- b) Discuss the different management roles exhibited by members of a given management team **(17 marks)**

Question 4

- a) Differentiate between a farm plan and farm layout **(8 marks)**
- b) Outline the reasons why a farm plan of one farm cannot be similar to a plan of another farm **(7 marks)**
- c) Explain why some managers become more successful with their duties while other managers fail in similar environments **(10 marks)**

Question 5

- a) What are farm records **(5 marks)**
- b) Underscore the importance of for keeping farm records to management **(20 marks)**

Question 6

In farm planning and management, *a farm plan is never static*. Discuss **(25 marks)**

Question 7

- a. Farming is constantly subjected to changing circumstances where farmers have to continually adapt. Describe the climatic changes that have taken place in agriculture and have complicated farm management **(10 marks)**
- b. How does the study of farm planning and management help you to assist farmers to adapt to the changes described in 7 (a) above. **(15 marks)**

Question 8

Farm planning and management in Uganda is a failure by Design. Discuss **(25 Marks)**