



MEBU EXAMINATIONS CONSULT

UGANDA LOWER SECONDARY CERTIFICATE OF EDUCATION

END OF TERM 1 ASSESSMENT 2024

PRINCIPLES AND PRACTICES OF AGRICULTURE

THEORY PAPER 1

SENIOR FOUR

TIME: 1HOUR ONLY

NAME:	SIGNATURE
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INSTRUCTIONS:

This paper consists of two Sections A and B. Section A is compulsory and Section B has two parts, attempt only one item from each part.



SECTION: A

SOIL SCIENCE AND VALUE ADDITION

Attempt all items in this section

1. On farm there are very many activities that take place of which records have to be taken for proper management. This information tends to be too much to be stored in one's head without making any formal records; otherwise a loss may be registered. By the help of the knowledge acquired during the studying of farm records kept, answer the following questions.

- a). State some of the records kept on the farm stating the importance of each . (5 scores)
- b). Suggest some of the problems that would result from failure to keep records on farm. (5scores).

PART ONE

ANIMAL PRODUCTION

Attempt only One item from this part.

3. Holstein_ Friesian is an exotic dairy cow with black and white coat.

Its daily average milk yield is about 25 liters per day under good management. However, a number of farmers with this breed have not reached the average yield level because of using indigenous cattle management practices.



Task.

As an agriculture student in S.4, design a poster you can use to sensitize the farmers to realize the production potential of Holstein_ Friesian cow? (10scores)

4. John Mary is a progressive farmer is keen on providing the best



possible living condition of animals, to ensure health and wellbeing of livestock. He invests in constructing an exemplary animal house.



Task

a). With this state – of – the – art animal house, which features should Mr. John incorporate for the best living conditions of his farm animals. **(5scores)**

(b) On a sprawling farmstead located in the Kapyanga Sub County, the young farmer Kagoya, takes pride in her diverse collection of domestic animals, she enthusiastically introduces her visitor to various types of animals she takes care of.

Task

Show case giving relevant examples, the types of domestic animals kept by Madam Kagoya.
(05 score)

PART TWO

CROP PRODUCTION

Attempt only One item from this part

5. Most of the cereals like Millet, sorghum, maize are used in most parts Of Uganda as food. They are always harvested and stored either waiting for sale or consumption. Before storage, these cereals have to be dried evenly to the right moisture content to prevent losses due to rotting of seeds.





TASK

Basing on the principles and practices of agriculture. Explain the different methods used to test moisture content of cereals. (10marks).

6. Vegetable growing is one of the most lucrative businesses that can be practiced in Uganda, as vegetables have various roles and hence a wide market. The biggest problem is that most Ugandans lack the knowledge and skills of how to properly grow these vegetables from time of planting to a time of harvesting.



TASK

As an agriculture student, write a detailed report that can be read by someone and help them to overcome the problems. (10scores)

*****END*****

