

KIYALA HIGH SCHOOL
END OF TERM ONE ASSESSMENT TEST -2024
PRICIPALS AND PRACTICES OF AGRICULTURE
Paper 1 Theory
S.3

2 Hours

INSTRUCTIONS

- *This paper consists of two sections A and B.*
- *Section A is **compulsory**.*
- *section B comprises of two parts, I and II.*
- *Part I is **compulsory**.*
- *Attempt **only one** item in part II.*
- *Any additional item answered will not be **scored**.*

SECTION A

*Attempt **all the items** in this section.*

1. A farming in the growing cycle determines the point to harvest vegetables for processing. You have visited a vegetable garden and the farmer is seeking advice on when to start this important activity. Suggest factors a farmer should consider to start harvesting. **(5 scores)**

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2. As part of cereal growing involves a harvesting and storage in such as below



a) Describe the qualities of a good crop store for the produce.

(4 score)

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b) Suggest *two (2)* measures of of handling cereals at harvest and post harvest. (2 scores)

- i.**
- ii.**

c) State the possible methods of testing moisture content in cereals. (4 scores)

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SECTION B

Part 1

Attempt all the items in this part

Item 1

The table shows production records from a field in a garden that grew rice as a single continuous crop. (2.18t is the average yield.)

<i>Year</i>	<i>Rice yield per year / t</i>
1	3.1
2	2.5
3	2.6
4	1.5
5	12

a) Suggest ways how the cereal farmer would have the highest average field.(5 scores)

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b) After harvest, the cereals are stored in silos / granaries. What possible conditions that must be met for the cereals to be stored in a dry state until the market is available. (5 scores)

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Item 2

An important part of good stock man-ship is noticing signs that animals may be well. The diagram shows a farm animal with signs of ill health. Write the key ideas you would give to the owner of the calf with such signs of ill health.



a). State the signs of ill health in animals.

(5 scores)

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Part II

Attempt only one item in this part

Item 4

Mr Luyinda is interested in starting a crop project (Vegetable growing).He is equipped with a huge piece of land which he is confused about its ability to support plant growth. As a student of S.2 who has knowledge of soil science.



Task

a) .How could he encourage the availability of soil living organisms in his field?

(05 score)

b) How would the increase of these organisms be important.

(05 scores)

Item 5

Local farmers usually ignore safety and health as applied to Agriculture however some have learned from experience the fact that have lost parts of the body like legs, fingers, obtained wounds and lost eyes over ignoring the standards. This has exposed the victims of time has been wasted nursing wounds. Some have been rendered vulnerable limiting protection.



Task

- a).*** As a student of Agriculture, identify and suggest these standards of safety of public members and precaution members should accept to avoid hurts and death. ***(05 marks)***
- b).*** Find out which members of the community may have suffered most from the effects of aggro chemicals? Why. ***(05 scores)***

END