

KIYALA HIGH SCHOOL
END OF TERM ONE ASSESSMENT TEST -2024
PRICIPALS AND PRACTICES OF AGRICULTURE

Paper 1 Theory

S.2

2 Hours

INSTRUCTIONS

- *This paper consists of two section A and B*
- *All the items in section A are **compulsory**.*
- *Attempt **only one** item in section B*
- *Attempt **all** the items*

SECTION A

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

Item 1

Your class has been asked to use the flower gardens in front of a building and it is 600cm by 200cm. The school administration wants cabbages whose spacing is 60cm by 60cm and each plant would require 65gms of fertilizers. Each cabbage seedlings is UGX 120 and NPK cost is UGX 3000 per kgs.

Task

Prepare a short report of 1 or 2 pages to the school administration seeking support to use the flower garden for cabbage. **(10 scores)**

Item 2

In your community it is reported that there is a pest and disease attack of army worm (black caterpillars) and dumping off respectively. They are destroying farmers' crops. The army worm eats all green parts of vegetable and other plants and dumping off causes rotting of crops and weeds are destructive. You may help your community growing vegetables to face this problem happening



Figure 1.0 Mulched vegetable garden.

Task

Prepare a short presentation of 1-2 pages long; you will use to inform the vegetable farmers on how to handle the challenge at hand. **(10 scores)**

SECTION B

Attempt only one item in this section

Item 3

A cereal farmer harvested a lot of grain products (rice and maize). The farmer wanted to keep the grains for a long time in a store/brick and mortar granary located in a remote area. The location is far away from the national electric grid. Further grains normally get humid and mouldy. This means the grains need to be well dried before storage and the subsequent temperature should be 50–60 degree Celsius. (picture of grass thatched granary as a place holder)



Task

a) . How can you help the farmer have high quality grain products for sale? **(10 scores)**

Item 4

During road construction in your community, rocks are found on farmers land along the road. After many years, people observed that the amount of rocks where reducing in size and quantity. The soil properties were exchanging. The soil which used to be well drained, well aerated and easy to cultivate had changed. They became heavy to cultivate when wet and crust when dry.

Task

Write a letter to your sub-county chief, indicating how farmers can improve their soils for better production. **(10 scores)**

END