

**KIYALA HIGH SCHOOL**  
**MID TERM TWO ASSESSMENT TEST 2024**  
**PRINCIPLES AND PRACTICES OF AGRICULTURE**  
**(THEORY) S.3**

**Time: 2 Hours**

**INSTRUCTIONS TO CANDIDATES:**

- This paper consists of **three** examination items. It has **two** sections A and B.
- Section A has **one compulsory** item.
- Section B has **two** parts; I and II. Answer **all** item from the two part.
- Answer **three** examination items in all.

**SECTION A**

**SOIL SCIENCE AND VALUE ADDITION**

*Answer **all** items in this section.*

**Item 1**

When we eat food we obtain different substances from it in order to grow, to get strength of doing work, to reproduce and stay healthy and these substances are called nutrients.

In Kanapa village, farmers complain about retarded growth of plants, weak stems in crops and unhealthy look of the general plants especially cassava and maize with evidence of premature dropping of leaves, yellowing and death of some plants.

***Task***

As an agriculture officer, Advice farmers in Kanapa village on the different plant nutrients to give their crops, their importance and deficiency symptoms.

***(20 scores)***

## **SECTION B**

**This section has two parts; I and II**

### **PART I: ANIMAL PRODUCTION**

*Answer **one item** from this part.*

#### **Item 2**

In your community domestic animals rearing is done by most households. A youth group has been given an opportunity to start an activity to get them out of poverty.

#### ***Task***

From your knowledge of different livestock, make guidelines/ leaflet/poster they can follow to start and establish a farm enterprise of one selected domestic animal.

***(10 scores)***

### **PART II: CROP PRODUCTION**

#### **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 moldy, this means the grains need to be well dried before storage and the subsequent temperature should be 50 to 60 °C.

#### ***Task***

How can you help the farmer have high quality grain products for sale?

***(10 scores)***

**SUCCESS**