

Name:.....

Signature:.....



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**S.1 END OF YEAR EXAMINATIONS.  
PRINCIPLES AND PRACTICES OF AGRICULTURE  
(THEORY)  
PAPER 1  
Nov .2022**

**TIME ALLOWED: 1 HOUR: 20 MIN.**

**INSTRUCTIONS TO STUDENTS:**

- The paper has 4 items. All items are compulsory.
- Part I is three Short Response Items.
- Part II is one Extended Response Item.

For Examiners' Use Only		
Part	Question	Marks
I	No.1	
	No.2	
	No.3	
II	No.4	
Total		

**PART I. (09 scores)**

**SHORT RESPONSE ITEM.**

1. There are many activities on the farm that requires measurement which can be distance, weight and volume. Study the pictures below and attempt the task that follows.



**A**



**B**



**C**

Describe briefly how you would use each tool or equipment to measure distance, weight and volume respectively. (03 scores)

- A.** .....
- .....
- .....
- .....
- .....
- B.** .....
- .....
- .....
- .....
- .....
- C.** .....
- .....
- .....
- .....
- .....

2. Farm enterprises are interrelated and they interact in a particular way to form farming

systems. Uganda has different climatic and soil conditions in the various regions. These conditions impact on the animals kept and crops grown in a particular area. In your own view, state any six major farming systems practiced in Uganda. (03 scores)

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3. When you visit a garden and look carefully at the soil, you will observe some of the different materials or components. Others cannot be easily seen. As a student of agriculture, you might have noticed that some soils are dark coloured, likely caused by the presence of organic matter which is formed when plants and animals die and decay. What do you think are the importance of these decayed plants and animals materials in the soil? (03 scores)

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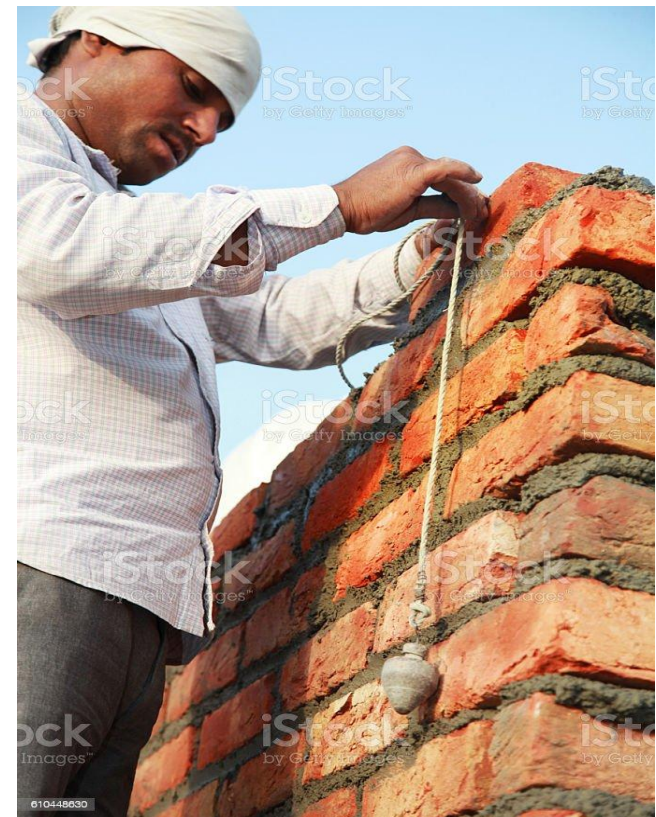
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**PART II. (09 scores)**

**EXTENDED RESPONSE ITEM.**

1. In your day to day life you do some work. You probably use your hands and some machines to make work easier. You may use a simple object that acts on another object that you are working on directly or sometimes you may need to use a set of tools combined together or you may use machinery being pulled by hands or another machine over a surface to do work safely and accurately. Local farmers in the community usually carry out different farm activities that require use of tools, equipment and implements. However, most of them do not have knowledge on which area on the

farm these items can be used and the common tools, equipment and implements used.



## Task

As a student of agriculture who have studied agricultural machinery. Designs a sensitization message to assist farmers specifies the different farm tools, equipment and implements commonly used on the farm. (09 scores)