

**527/2 Inst. Sch.  
PRINCIPLES AND  
PRACTICES OF  
AGRICULTURE  
PRACTICAL  
Oct./Nov. 2024**



**UGANDA NATIONAL EXAMINATIONS BOARD**

**Uganda Certificate of Education**

**PRINCIPLES AND PRACTICES OF AGRICULTURE**

**PRACTICAL INSTRUCTIONS**

**527/2 Inst. Sch.**

**October/November 2024**

## **CONFIDENTIAL**

This information is given only to facilitate preparation of the examination.

**Great care should be taken so that the information given below does not reach the candidates either directly or indirectly.**

## **INSTRUCTIONS FOR PREPARING SPECIMENS AND APPARATUS**

The teacher responsible for preparing the specimens must ensure that candidates are provided with correct specimens and other materials as specified in these instructions.

A candidate is to be provided with each of the specimens. Where a specimen is to be used by more than one candidate, the teacher preparing specimens must devise a suitable system to enable the candidates to take turns at each specimen.

Specimens and solutions which have been assigned codes must be presented to candidates using those **codes only** and clearly displayed for candidates to see.

**Each candidate should be provided with:**

Whole plant of cat tail grass (*Sporobolus sp*), labelled **F<sub>1</sub>**.

Whole plant of nut grass (*Cyperus sp*), Labelled **F<sub>2</sub>**.

Whole plant of *Oxalis sp*, labelled **F<sub>3</sub>**.

Whole plant of *Commelina sp*, labelled **F<sub>4</sub>**.

Tenon saw, labelled **P<sub>1</sub>**.

Bow saw, labelled **P<sub>2</sub>**.

Sand paper, labelled **P<sub>3</sub>**.

Vanish, labelled **P<sub>4</sub>**.

A piece of timber with two grooves cut by specimens **P<sub>1</sub>** and **P<sub>2</sub>** and the grooves are labelled, cut by **P<sub>1</sub>** and **P<sub>2</sub>** respectively.

A ruler.

Chicken mite, labelled **H**.

Hand lens.

Mouldy groundnut seed, labelled **J**.

Maize bran, labelled **K**.

Crushed silverfish, labelled **L**.

Crushed egg shells, labelled **M**.

Molasses, labelled **N**.

Dry coarse sand, labelled **A**.

Dry loam soil, labelled **B**.

2 measuring cylinders (100 ml).

1 measuring cylinder (50 ml).

Stirring rod.

Stop clock.

**Access to water.**