

527/2

**PRINCIPLES AND  
PRACTICES OF  
AGRICULTURE**

**Paper 2**

**June/July 2024**

2 hours

**PEAS UG NETWORK  
PRE-MOCK EXAMINATIONS 2024  
Uganda Lower Secondary Certificate of Education  
PRINCIPLES AND PRACTICES OF AGRICULTURE  
PRACTICAL INSTRUCTIONS**

527/2 Inst. Sch

2024

**CONFIDENTIAL**

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

**Great care should be taken 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 specimens must ensure that candidates are provided with correct specimens and other materials as specified in these instructions. Specimens and solutions which have been assigned codes should be presented to candidates using those **codes only** and not any other identity.

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.

**Each candidate should be provided with:**

- Specimen **O** - Fresh whole cassava crop affected by mosaic.
- Specimen **P** - Fresh whole maize crop affected by maize streak disease.
- Specimen **Q** - Sugarcane stem damaged by stalk borer.

- Specimen **R** - Fresh whole mature normal maize crop with cob, tassel and leaves
- Specimen **S** - Fresh whole mature normal bean crop with pods, flowers, and leaves
- Specimen **T** - Banana sucker with corm, roots, and leaves
- Specimen **U** - Banana sucker with corm removed.
- Specimen **V** - Sprouted Irish potato tuber.
- Specimen **W** - Fresh sweet potato stem cutting
- Specimen **X** - Fresh cassava stem cutting
- Specimen **Y** - Dry sandy loam soil
- Specimen **Z** - Dry clay soil
- 2 dry measuring cylinders each of 100 ml
- Glass rod
- Adequate water in a beaker of 250 cm<sup>3</sup>
- Dry empty beaker of 250 cm<sup>3</sup>
- Stop clock
- Ruler
- Dry piece of paper
- 2 filter funnels
- 2 filter papers

**END**