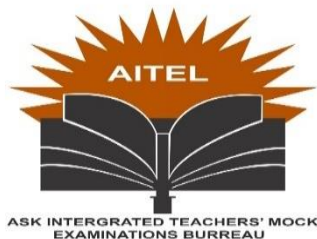


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PRINCIPLES AND PRACTICES
OF AGRICULTURE

Confidential

Paper 3

July/Aug. 2022



AITEL JOINT MOCK EXAMINATIONS

Uganda Advanced Certificate of Education

PRINCIPLES AND PRACTICES OF AGRICULTURE

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Paper 3

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

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

Specimen must be labeled by code letters given and clearly displayed for the candidates to see.

Each candidate should be provided with the following;

- A** - 10cm³ of a fertilizer solution (dissolve CAN or ASN in water)
- B1** - Acidic soil (tea spoonful of dry sample)
- B2** - Alkaline soil (tea spoonful of dry sample)
- C** - Maize meal (about 2 table spoons full)
- D** - Fish meal (about 2 table spoons full)
- E** - Bone meal (about 2 table spoons full)
- F** - Whole bean plant
- G** - Whole maize plant
- H** - Seasoned wooden post of diameter 8cm and at least 3m long
- I** - Seasoned wooden post of diameter 16cm and at least 1.5m long
- J** - Tape measure
- K** - String/ Garden line
- L** - Claw hammer
- M** - Hand saw
- N** - Hole digger

Each candidate should also have access to test tubes, iron-II Sulphate solution, concentrated Sulphuric acid, a Stop Clock, Distilled water. Measuring Cylinder (5 cm³), a Test tube rack and Litmus papers.