

553/2 Inst. Sch.
BIOLOGY PRACTICAL
Paper 2
Jun/July. 2024
2½ hours

DIOCESE OF KIGEZI



CHURCH OF UGANDA
Uganda Certificate of Education
BIOLOGY
(PRACTICAL INSTRUCTIONS)
553/2 Inst. Sch.
Paper 2

CONFIDENTIAL

This information is given only 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. The head teacher **must** ensure that the teacher responsible for preparing the specimens hands in his/her trial results for the physiology/biochemistry question, properly sealed in a separate envelope and **firmly** fastened (attached) to the candidates' script envelope(s).

Each candidate should be provided with the following:-

- 20cm³ of solution **K** (prepared) by grinding 200g of peeled fresh Irish potato, add 400cm³ of water, mix and decant solution, then dilute using distilled water to make 1000cm³ of solution.
- 20cm³ of solution **L** (prepared by diluting 300cm³ of ripe orange juice using distilled water to make 1000cm³ of solution
- Freshly killed blow fly, labeled specimen **S**.
- Freshly killed soldier termite labeled **R**.

Access to;

- Reagent for food tests
- 2 beakers
- Hand lens
- Source of heat
- 6 test tubes
- Droppers
- Stirring rod
- Shape razor blade

Iodine

Lifres

Na⁺