

545/2 Inst. Sch. A
CHEMISTRY
Practical
Instructions
Oct./Nov. 2025



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Certificate of Education

CHEMISTRY PRACTICAL INSTRUCTIONS

545/2 Inst. Sch. A

October/November, 2025

CONFIDENTIAL

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

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

INSTRUCTIONS FOR PREPARING CHEMICALS AND APPARATUS

The head teacher **must** ensure that the teacher responsible for preparing the chemicals and apparatus hands in his/her procedure together with trial results properly sealed in a separate envelope and **firmly** fastened (attached) to the candidates' scripts envelop(s).

1. The description of the reagents and chemicals specified below does **not** necessarily correspond with the description in the examination paper. Candidates must **not** be informed of the differences.
2. Candidates are **not** allowed to use reference books (i.e. text books, booklets on quantitative analysis etc.) during the examination.
3. In addition to the fittings and substances ordinarily contained in a chemistry laboratory, each candidate will require:
 - 1 retort stand
 - 1 stop clock
 - 1 Thermometer
 - 1 measuring cylinder, (100 cm³)
 - 1 glass beaker, (250 cm³)
 - 1 conical flask
 - 1 dropper
 - 1 burette
 - 2 plastic beakers, (250 cm³)
4. Candidates should have easy access to:
 - Heat source
 - Phenolphthalein indicator
5. The School should stock the following:
 - Distilled water
 - Concentrated hydrochloric acid (1.18 g/cm³, 36 %)
 - Adhesive stickers or masking tape for labelling
6. Additional chemicals and instructions for preparation will be provided by **UNEB**.

This information MUST be completed and returned in a separate envelope firmly attached to the script envelope(s).

UGANDA CERTIFICATE OF EDUCATION

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REPORT ON CHEMISTRY PRACTICAL 545/2

Section I:

Any information which the teacher responsible for preparing the apparatus and chemicals thinks may be useful to the scorers should be given on this sheet. The teacher must try the items and submit his/her procedure and results in the space provided below to guide the scorers about the apparatus and concentrations of the chemicals used.

NB: Teachers who do **not** submit their procedure and trial results will be held responsible for their candidates' performance.

Procedure and Results:

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[illegible]

Section II:

The Invigilator in consultation with the teacher responsible for preparing the apparatus should give details below of any difficulties experienced by particular candidates, giving their names and personal numbers. These should include;

(a) difficulties due to faulty apparatus,

(b) accidents due to apparatus or materials,

(c) physical handicaps of candidates,

(d) any other information.

Other cases of hardship e.g. illness, disability, etc., should be reported directly to **UNEB** in the normal way.

A plan of work benches, giving details by personal numbers of the places occupied by the candidates for each session, must be enclosed with the scripts.

DO NOT STAMP ANYWHERE ON THIS DOCUMENT

Invigilator's Name _____ Signature _____

Signature of the teacher responsible for preparing chemicals _____

Signature of the head teacher _____

Random Number _____