

**P525/2 Inst. Sch.
CHEMISTRY
PRACTICAL
INSTRUCTIONS
2026**



UGANDA NATIONAL EXAMINATIONS BOARD

Uganda Advanced Certificate of Education

CHEMISTRY PRACTICAL INSTRUCTIONS

P525/2 Inst. Sch.

2026

CONFIDENTIAL

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 procedures together with the trial results properly sealed in a separate envelope and **firmly** fastened (attached) on 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 qualitative and 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 burette (50 ml)
1 pipette (25 ml or 20 ml)
2 volumetric flasks (250 ml)
2 conical flasks
2 plastic beakers
1 measuring cylinder (50 ml or 100 ml)
1 thermometer
1 stop clock/ stop watch
Labels
8 test tubes
200 cm³ of distilled water
10 cm³ of **Q**
1.2 g of **X**
2.0 g of **Y**
200 cm³ of **FA1**

Easy access to:

- Heat source.
- Common reagents for identifying gases, cations, anions and organic compounds.
- Weighing balance reading to at least one decimal point.
- Phenolphthalein indicator and methyl orange indicator

FA1 is prepared by diluting 166 cm³ of concentrated hydrochloric acid with distilled water to make one litre of solution.

Q is propan-2-ol.

X is magnesium powder.

Y is solid magnesium oxide.

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

UGANDA ADVANCED CERTIFICATE OF EDUCATION

2026

REPORT ON CHEMISTRY PRACTICAL P525/2

Section I:

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

NB: Teachers who **DO NOT** submit their procedures together with trial results will be held responsible for their candidates' performance.

Procedure and results:

SAMPLE

SAMPLE PAPER

Section II:

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

(a) difficulties due to faulty apparatus,

(b) accidents to apparatus or materials,

(c) physical handicaps of candidates,

(d) any other information.

Other cases of hardship e.g. illness, disability, 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 experiment, for each session, must be enclosed with the scripts.

Invigilator's Name _____ Signature _____

Signature of the teacher responsible for preparing chemicals _____

Signature of the head teacher _____

Centre Number _____