

**P525/3
CHEMISTRY
(Practical)
INSTRUCTIONS
Jul/Aug 2017**

**RESOURCEFUL MOCK 2017
Uganda Advanced Certificate of Education
CHEMISTRY PRACTICAL
Paper 3
CONFIDENTIAL INSTRUCTIONS**

CONFIDENTIAL

1. Great care should be taken that the information given below does not reach the candidates either directly or indirectly. NB: the Head teacher must ensure that the teacher responsible for preparing the apparatus hands in his/ her results properly sealed in an envelope.

2. In addition to the fittings, apparatus and substances ordinarily contained in a chemistry laboratory, each candidate will require:

1 burette

1 pipette (20cm³ or 25cm³)

1 retort stand

1 Conical flasks

1 Measuring cylinder (100cm³)

1 Volumetric flask (250cm³)

3 beakers

Easy access to:

- Heat source
- Weighing scale

FA1 is **0.1M** Sodium Thiosulphate (Na₂S₂O₃.5H₂O) i.e. 24.8g in 1dm³ of water.

FA3 is **4g** Potassium Iodate (KIO₃)+**2g** of Potassium Iodide (KI) dissolved in water to make 1dm³ of solution.

P is Potassium dichromate.

10% Potassium Iodide solution

1M Sulphuric acid solution

Starch indicator.

Q is a Mixture of **Zinc Carbonate (ZnCO₃)**, **Barium Carbonate (BaCO₃)**, **Sodium Oxalate (Na₂C₂O₄)** in a ratio of **1 : 1 : ½**

X is Aromatic Primary alcohol or phenylmethanol

Common reagents for identifying gasses, cations and anions

This form must be completed and returned with the scripts.

UGANDA ADVANCED CERTIFICATE OF EDUCATION

July/August 2017

REPORT ON CHEMISTRY PRACTICAL P525/3

Section I:

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

[NB: Teachers who DO NOT submit their trial results will be held responsible for the candidates' performance].

Results:

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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 index numbers. These should include reference to:

(a) difficulties due to faulty apparatus,

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(b) accidents to apparatus or materials,

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(c) physical handicaps of candidates,

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(d) any other information.

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Other cases of hardship e.g. illness, disability, should be reported directly to the Examination Committee in the normal way.

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

Invigilator

Name.....

Signature.....

Teacher responsible for preparing apparatus

Name.....

Signature.....

Head teacher

Name.....

Signature.....

Centre Name:

END