545/3 CHEMISTRY (Practical) INSTRUCTIONS Jul/Aug 2019



MUKONO EXAMINATION COUNCIL

Uganda Certificate of Education CHEMISTRY PRACTICAL

Paper 3

CONFIDENTIAL INSTRUCTIONS

CONFIDENTIAL

The description of the reagents and chemicals specified below does not necessarily correspond with the description in the question paper. Candidates must **NOT** be informed of the difference.

Candidates are not allowed to use reference books (i.e. text books, booklets on qualitative analysis etc) during the examination.

In addition to the ordinary fittings and apparatus contained in a chemistry laboratory, each candidates will require.

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

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1 burette

1 pipette 20cm³ /25.0cm³

1 retort stand

1 thermometer

1 stop clock

2 conical flasks

Beakers

1 filter paper

100 cm³ of SA1

100 cm³ of SA2

3g of Q

8 test tubes
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Easy access to;

- Heat source
- Common reagents for identifying gases, Cations and anions.
- Methyl orange Indicator

SA1 – Mixture of Sodium carbonate 5.5g and Sodium chloride 2.4g in one litre of distilled water.

SA2 – 0.1M Hydrochloric acid.

Q is the mixture of copper (II) Sulphate Hydrated and Zinc Sulphate in a Ratio of 1:2

CuSO₄:ZnSO₄

1 : 2

This form must be completed and returned with the scripts.

UGANDA CERTIFICATE OF EDUCATION

July/August 2019

REPORT ON CHEMISTRY PRACTICAL 545/3

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:

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,
(b) accidents to apparatus or materials,
(c) physical handicaps of candidates,
(d) any other information.
Other cases of hardship a guillness disability should be reported directly to the Evenination
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 Feacher responsible for preparing apparatus
Name
Siignature
Head teacher
Name
Signature
Centre Name: