545/2

Chemistry

Practical Instructions

Paper 2

2024

July - August

**ADVANCE INSTRUCTIONS**

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UGANDA MUSLIM TEACHERS’ ASSOCIATION

UMTA JOINT MOCK EXAMINATIONS – 2024

Uganda Certificate of Education

Chemistry Practical Instructions.

**Paper 2**

***CONFINDETIAL***

**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 CHEMICALS AND APPARATUS.**

The head teacher **must** ensure that the teacher responsible for preparing the chemicals and apparatus hands in his/her trail 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 question paper. Candidates must **not** be informed of the differences.

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

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

2 spatulae

1 measuring cylinder(**10 ml**)

1 measuring cylinder( **50ml**)

1 thermometer

Stop clock or watch

2 boiling tubes

1 ruler (50cm)

Dropper

50cm3 of 50V/V hydrogen peroxide solution

100cm3 of distilled water

20cm3 of soap solution

0.5g of **X**

0.5g of **Y**

**X** is manganese(IV) oxide powder

**Y** is lead(IV) oxide powder

Soap solution is prepared by cutting small pieces of bar soap and dissolving about 6g of it in about 100cm3 of methylated spirit in a beaker on a water bath while stirring. Then add distilled water to make **one** litre of solution.

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

**UGANDA CERTIFICATE OF EDUCATION**

**2024**

**REPORT ON CHEMISTRY PRACTICAL 545/ 2**

**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 the items 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 their 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 personal numbers. This should include reference to;

1. difficulties due to faulty apparatus,

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1. accidents due to apparatus or materials,

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1. physical handicaps of candidates,

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1. any other information

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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 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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**END**