

545/3
**CHEMISTRY
PRACTICAL
INSTRUCTIONS
2023**



UCE KAMSSA NATIONAL MOCKS 2023
Uganda certificate of education
CHEMISTRY PRACTICAL INSTRUCTIONS
PAPER 3

CONFIDENTIAL

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

INSTRUCTIONS FOR PREPARING APPARATUS

- ❖ The candidates will be instructed not to write out a detailed description of the apparatus.
- ❖ But the teacher responsible for preparing the apparatus must give details (on the report form attached) about some of the items of apparatus he/ she supplied.
- ❖ The form should be signed by the invigilator, the teacher responsible for preparing the apparatus and the head teacher.

N.B

The head teacher must ensure that the teacher responsible for preparing the apparatus hands in his/ her trial results properly sealed in a separate envelope and firmly fastened (attached) to the candidates' script envelope(s)

Chemistry paper 3 (545/3) practical confidential

Each candidate should be provided with the following: -

- 1 Pipette (25 or 20 cm³)
 - 1 Burette (50 cm³)
 - 1 thermometer
 - 1 retort stand with a clamp
 - 2 clean plastic beakers
 - 6 test tubes
 - 1 boiling tube
 - 100cm³ of BA1
 - 100cm³ of BA2
 - 1 filter paper
 - 1 filter funnel
 - 4g of **R**
 - **BA1** is a **3.5M** sodium hydroxide solution.
 - **BA2** is a **2M** sulphuric acid
 - **R** is a mixture of **FeSO₄·7H₂O** and **CuSO₄·5H₂O** in the ratio of **1:3**
 - Prepare all the reagents for analysing cations and anions.
 - All apparatus and reagents for qualitative analysis should also be prepared
- Note:** the solutions for **questions 1** should be prepared in time to allow cooling at room temperature before use.

Nice preparations