

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 cm<sup>3</sup>)
  - 1 Burette (50 cm<sup>3</sup>)
  - 1 thermometer
  - 1 retort stand with a clamp
  - 2 clean plastic beakers
  - 6 test tubes
  - 1 boiling tube
  - 100cm<sup>3</sup> of BA1
  - 100cm<sup>3</sup> 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 **FeSO<sub>4</sub>·7H<sub>2</sub>O** and **CuSO<sub>4</sub>·5H<sub>2</sub>O** 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