



# PEAS NETWORK POST MOCK EXAMINATION 2023

UGANDA CERTIFICATE OF EDUCATION

Chemistry paper 4

**CONFIDENTIAL**

## **ADVANCE INSTRUCTIONS**

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

### **QUESTION ONE**

**BA1** – is a solution prepared by dissolving **13.8g** of **sodium carbonate -10-water** in distilled water to make 1 litre of solution.

**BA2** – is a solution prepared by dissolving **8.60 cm<sup>3</sup>** of concentrated **hydrochloric acid**, and top up the resultant solution to **1000 cm<sup>3</sup>** of solution, using distilled water.

Each candidate should be provided with;

- ✓ 100cm<sup>3</sup> of BA1 in a beaker.
- ✓ 100cm<sup>3</sup> of BA2 in a beaker
- ✓ 1 pipette (20.0 / 25.0cm<sup>3</sup>)
- ✓ 1 burette (50.00cm<sup>3</sup>)
- ✓ A retort stand with clamp
- ✓ 2 conical flasks
- ✓ Methyl orange indicator

**Turn over**

## QUESTION TWO

K is prepared by mixing **Copper (II) sulphate-5-water and aluminium sulphate-6-water**, in the ratio of **1:1**.

Each candidate should be provided with;

- ✓ 1 gram of substance **K**
- ✓ 1 filter paper and 1 filter funnel.
- ✓ 1 boiling tube and 4 test tubes in a test tube rack.
- ✓ Access to reagents for testing for gases, cations and anions

**END**