

P525/3 Inst.

Sch.

CHEMISTRY

Practical

Instructions

August 2023



ENTEBBE JOINT EXAMINATION BUREAU

Uganda Advanced Certificate of Education

CHEMISTRY PRACTICAL INSTRUCTIONS

Paper 525/3 Inst. Sch

August 2023

CONFIDENTIAL:

Great care should be taken that the information given below DOES NOT reach the candidates either directly or indirectly.

INSTRUCTIONS FOR PREPARING APPARATUS

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

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

1 burette (50 cm^3)
1 pipette (25.0 cm^3 or 20.0 cm^3)
1 volumetric flask (250 cm^3)
2 conical flasks
Phenolphthalein indicator
8 test tubes

100 cm^3 of **FA1** ($1\text{M H}_2\text{SO}_4$)
100 cm^3 of **FA2** (0.25M NaOH)
100 cm^3 of **FA3** (0.041M NaOH)
3.0 g of **W** (Anhydrous Sodium hydrogen carbonate)

3.0g of substance **F** is made by mixing zinc carbonate (ZnCO_3) + Barium carbonate (BaCO_3) + Potassium iodide (KI) in the ratio of 3g: 2g: 1g respectively.

10 cm^3 of substance **R**. (Acetone or propanone)