

P525/3/Inst. Sc.  
**CHEMISTRY PRACTICAL  
INSTRUCTIONS**

**Paper 3**  
**July/August 2024**



**WAKISSHA JOINT MOCK EXAMINATIONS**

**Uganda Advanced Certificate of Education**

**CHEMISTRY PRACTICAL INSTRUCTIONS**  
**(Paper P525/3/Inst. Sc.)**

**CONFIDENTIAL:**

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

**INSTRUCTIONS FOR PREPARING APPARATUS AND CHEMICALS.**

**NB:** The Headteacher **must** ensure that the teacher responsible for preparing the apparatus and chemicals hands in his /her trial results properly sealed in a separate envelope and **firmly** fastened (attached) to the candidates' scripts envelope(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 difference.
2. Candidates are **not** allowed to use reference books (i.e. textbooks, booklets on qualitative analysis etc.) during the examination.
3. On addition to the common reagents and apparatus used in chemistry laboratory, each student should have the following.

- 1 burette
- 1 pipette (20 cm<sup>3</sup> or 25 cm<sup>3</sup>)
- 1 measuring cylinder (50 or 100 cm<sup>3</sup>)
- 1 measuring cylinder (10 cm<sup>3</sup>)
- 1 plastic beaker
- 1 Volumetric flask (250 cm<sup>3</sup>)
- 1 Thermometer
- Phenolphthalein indicator
- 2 filter papers
- 8 test tubes
- 10 cm<sup>3</sup> of M
- 200 cm<sup>3</sup> of GA<sub>1</sub>
- 100 cm<sup>3</sup> of GA<sub>2</sub>
- 2.0 g of solid W
- 3.0 g of solid X
- 2 conical flasks.

**Easy access to:**

- Heat source
- Reagents for identify cations, anions and gases

**N.B**

- Solid W is hydrated oxalic acid H<sub>2</sub> C<sub>2</sub> O<sub>4</sub>. 2H<sub>2</sub>O
- Solid X is a uniform mixture of;  
zinc carbonate + copper(II) oxide + potassium iodide in a ratio of 2:1:1 respectively.
- GA<sub>1</sub> is a 2M sodium hydroxide solution
- GA<sub>2</sub> is a 2M sulphuric acid solution
- Liquid M is ethanal, CH<sub>3</sub>CHO