CONFIDENTIAL
545/3/Inst. Sc.
CHEMISTRY
PRACTICAL
INSTRUCTIONS
Paper 3
AUGUST, 2022

JINJA JOINT EXAMINATIONS BOARD

Uganda Certificate of Education

MOCK EXAMINATIONS –AUGUST, 2022

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.

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 differences.

2. Candidates are not allowed to use reference books (i.e text books, booklets on qualitative analysis e.t.c) during the examination.

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

- 1 burette ($50cm^3$)
- 1 pipette $25.0cm^3$ (or $20.0cm^3$)
- 2 conical flasks
- 1 plastic beaker or plastic cup (250ml)
- 2 glass beakers (250ml)
- 1 thermometer (-10 – 110°C)
- 6 test tubes
- 1 filter paper
- 1 measuring cylinder (50ml or 100ml)
- $140cm^3$ of **S**
- $120cm^3$ of **T**
- 3g of **P**

Easy access to:

- Heat source
- Common reagents for identifying cations, anions and gases.
- Phenolphthalein indicator
- Distilled water

S; is prepared by dissolving 60g of sodium hydroxide pellet in distilled water to make**one litre** of solution.

T; is made by diluting $172cm^3$ of concentrated hydrochloric acid to make **one litre** of solution.

Substance **P** is made by mixing Lead(II) oxide and Magnesium carbonate in a ratio of 2:3

END