

# RESOURCEFUL MOCK EXAMINATIONS 2017

Uganda Certificate of Education

## CHEMISTRY

### PAPER 3

### CONFIDENTIAL:

The following information should not be revealed to candidates directly or indirectly

**In addition to apparatus and chemicals in a school laboratory,**

(a). Each candidate should be given

- 120cm<sup>3</sup> of FA<sub>1</sub>
- 120cm<sup>3</sup> Of FA<sub>2</sub>
- 1 pipette
- 1 burette
- 6 test tubes
- 1g of substance X
- 1 filter paper

(b). Each candidate should have access to

- Phenolphthalein indicator
- Source of heat
- Pottassium iodine solution
- Lead II nitrate solution

**NB:**

**FA<sub>1</sub>** is prepared by dissolving **4.0g of NaOH** in distilled water to make 1 litre of solution.

**FA<sub>2</sub>** is prepared by dissolving **6.4g of Oxalic acid (H<sub>2</sub>C<sub>2</sub>O<sub>4</sub>.2H<sub>2</sub>O)** in distilled water to make 1 litre of solution.

**X** is a mixture of **Lead carbonate, PbCO<sub>3</sub>** and **Aluminium sulphate Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>** in the ratio **1:1**

**END**