

# KAPSABET HIGH SCHOOL



233/3  
CHEMISTRY  
PAPER 3  
TIME: 2 HOURS 15 MINUTES



## 2021 TRIAL 3 OCT/NOVEMBER INTERNAL EXAMINATION *Kenya Certificate of Secondary Education (K.C.S.E.)*

### CHEMISTRY PAPER 3 233/3

#### CONFIDENTIAL OF REQUIREMENTS

- Burette
- Pipette
- 2 conical flasks
- 120cm<sup>3</sup> of 2.0M NaOH labelled B
- 100cm<sup>3</sup> of 0.2M H<sub>2</sub>SO<sub>4</sub> labelled A
- 250cm<sup>3</sup> volumetric flask
- A label
- Pipette filter
- Stand and clamp
- 500cm<sup>3</sup> distilled water
- Phenolphthalein indicator
- 100cm<sup>3</sup> plastic beaker
- Thermometer
- 10cm<sup>3</sup> measuring cylinder
- 100cm<sup>3</sup> measuring cylinder
- 50cm<sup>3</sup> 2.0M HCl, Solution D
- 50cm<sup>3</sup> 2.0M NaOH
- 6 test tubes in a test tube rack
- 0.2g of solid N (Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>)

#### REAGENTS

- 2M NaOH
- 2M NH<sub>4</sub>OH
- Ba(NO<sub>3</sub>)<sub>2</sub> solution
- 2M nitric acid
- Potassium iodide solution