

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
- 120cm³ of 2.0M NaOH labelled B
- 100cm³ of 0.2M H₂SO₄ labelled A
- 250cm³ volumetric flask
- A label
- Pipette filter
- Stand and clamp
- 500cm³ distilled water
- Phenolphthalein indicator
- 100cm³ plastic beaker
- Thermometer
- 10cm³ measuring cylinder
- 100cm³ measuring cylinder
- 50cm³ 2.0M HCl, Solution D
- 50cm³ 2.0M NaOH
- 6 test tubes in a test tube rack
- 0.2g of solid N (Al₂(SO₄)₃)

REAGENTS

- 2M NaOH
- 2M NH₄OH
- Ba (NO₃)₂ solution
- 2M nitric acid
- Potassium iodide solution