

KURIA EAST SUB-COUNTY JOINT EXAMINATIONS COUNCIL 2014
233/3 – CHEMISTRY PAPER 3 - CONFIDENTIAL

INSTRUCTIONS TO SCHOOLS

Each candidate should have the following apart from other laboratory fittings and apparatus:-

- 1.8g solid M accurately measured.
- 50cm³ solution N.
- 100cm³ solution Q.
- 60cm³ solution F.
- 80cm³ solution G.
- 0.5g solid H.
- Stop clock.
- 10ml measuring cylinder.
- 25ml / 50ml measuring cylinder.
- 100ml glass beaker.
- 6 test tubes and one test tube holder.
- Distilled water in a wash bottle.
- White tile.
- 2 conical flasks.
- 50ml burette.
- 25ml pipette.
- 250ml beaker.
- 250ml volumetric flask.
- Filter funnel.
- Funnel.
- 1 filter paper.

Each candidate to have access to:-

- Universal indicator solution.
- Ph chart range (4 – 14)
- Solid sodium hydrogen carbonate.
- Ethanol.
- Source of heat
- Spatula
- Test tube holders
- Concentrated sulphuric acid.

NOTE:

1. Solid M is 1.8g Anhydrous sodium carbonate.
2. Solution N. Dissolve 215cm³ concentrated hydrochloric acid (1.18g/cm³) in 500cm³ in distilled water and topped up to one litre.
3. Solution Q. Dissolve 12g sodium hydroxide pellets in 800cm³ distilled water and top up to one litre.
4. Solution F. Measure 17.2cm³ concentrated hydrochloric acid and dissolve in 350cm³ distilled water topped up to one litre.
5. Solution G. Dissolve 40g sodium thiosulphate in 800cm³ distilled water made up to 1 litre.
6. solid H is oxalic acid.