

KWANZA DISTRICT JOINT EVALUATION EXAM – 2010
Kenya Certificate of Secondary Education (K.C.S.E)

Requirements for candidates

In addition to the apparatus and fittings found in a Chemistry laboratory, each candidate will require the following.

- Thermometer 0⁰C – 110⁰c
- Complete Stand
- 100ml plastic beaker
- 50ml measuring cylinder
- 10ml measuring cylinder
- 6 test – tubes in a test-tube rack.
- About 30cm³ of solution B
- About 40cm³ of solution C.
- Stop watch
- Plastic ruler
- Distilled water
- 5cm length of magnesium ribbon.
- About 120cm³ of solution G. 2M sulphuric acids
- About 2g of solid P
- 50cm³ burette
- Blue and red litmus paper
- 1 boiling tube
- 1 test tube holder

ACCESS TO:

- 2M NaOH with a dropper
- 2M ammonia solution with a dropper
- 0.25M lead (II) nitrate with a dropper
- 1M HCl acid
- 10 Vol Hydrogen peroxide.
- 0.5M Barium chloride solution

NOTES:

- Solid P is ferrous Ammonium sulphate. ((NH₄)₂SO₄. FeSO₄.6H₂O)
- Solution B is made by dissolving 40g of sodium hydroxide in 400cm³ of distilled water and making up to 1 litre.
- Solution C is 1.0M H₂SO₄.