

TEACHER.CO.KE SERIES 46

233/3 Chemistry Paper 3 Practical

CONFIDENTIAL

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

• Solution M - 0.156M H_2SO_4 acid.

N - 0.5M NaOH solution.

- Solid S Mg metal powder. (0.1872g accurately weighed)
- 100ml measuring cylinder.
- 50ml measuring cylinder.
- Stirring rod 1.
- Thermometer 1.
- 100ml plastic beaker 2.
- Stop watch 1.
- Dropper 1.
- Pipette (25ml) 1.
- Burette (0 50 ml) 1.
- Conical flasks 3.
- Labels 2.

ACCESS TO:

- Solid FButanoic acid.
- Solid J 1g of Mg metal powder.
- 0.5g of sodium carbonate.
- 1 boiling tube.
- 5 test tubes.
- 200ml distilled water in a wash bottle.

NB: Bench solutions

- 1. Phenolpthalein indicator supplied with a dropper.
- 2. Bromine water (prepared in fume chamber and supplied with a dropper).
- 3. Universal indicator supplied with dropper
- 4. pH chart pH metre
- 5. Acidified Potassium manganate (VII) supplied with dropper.
- 6. Source of heat.

