

233/3

**CHEMISTRY**

**PRACTICAL**

Paper 3

JULY/AUG. 2010

**CONFIDENTIAL**

**BUTERE DISTRICT JOINT EVALUATION TEST – 2010**

**Kenya Certificate of Secondary Education (K.C.S.E)**

233/3

**CHEMISTRY**

**PRACTICAL**

Paper 3

JULY/AUG. 2010

**CONFIDENTIAL**

**INSTRUCTIONS TO SCHOOLS**

Apart from the common laboratory apparatus and chemicals, each candidate will require the following:-

- A.
- About 60cm<sup>3</sup> of solution K
  - About 60cm<sup>3</sup> of solution L
  - Two 100ml beakers
  - One 10ml measuring cylinder
  - One burette 0 – 50ml
  - One pipette 25ml and pipette filler
  - One stop watch
  - Six dry test tubes and one test tube holder.
  - One thermometer
  - Solid D
  - One metallic spatula
  - About 50cm<sup>3</sup> solution F
  - One boiling tube
  - About 2g of
    - Sodium chloride solid
    - Potassium chloride solid
    - Calcium chloride solid
    - Barium chloride solid
  - About 3g of solid G
  - 5 labels
  - About 1g steel wool
- B. Access to:
- Source of heat
  - Distilled water
  - Litmus papers

- 2M NaOH(aq) solution
- barium Chloride solution
- Acidified Potassium Manganate (VII) solution.

C. Further Information;

- Solution K – 0.8M sodium hydroxide solution
- Solution L – 0.8M Hydrochloric acid
- Solution F – 2M HCl acid
- Solid D – 5cm Magnesium ribbon
- Solid G – Sodium Sulphite.