

**BURETI DISTRICT JOINT EVALUATION TEST – 2010**  
*Kenya Certificate of Secondary Education (K.C.S.E)*

Each candidate MUST be provided with the following.

1. 200cm<sup>3</sup> of solution A
2. 200cm<sup>3</sup> of solution B
3. 3 conical flasks (must be 3)
4. Burette (50 ml)
5. 1 pipette (25 ml)
6. Phenolphthalein indicator
7. Methylorange indicator
8. 45 ml solution N
9. One 10 ml measuring cylinder
10. 6cm length of polished magnesium ribbon labelled M.
11. 100ml of 2.0M sulphuric (VI) acid labelled N.
12. 6 test – tubes in a test tubes rack.
13. Labels ( 6)
14. 100cm<sup>3</sup> beaker
15. A stop watch
16. Distilled water
17. Source of heat
18. About 2g of solid F

**Candidates should have access to :**

1. 2M NaOH solution
2. 2M NH<sub>3</sub> solution
3. 2M Pb(NO<sub>3</sub>) solution
4. 2M BaCl<sub>2</sub> solution

**NOTES**

1. Solution A is 0.2M hydrochloric
2. Solution B is made by dissolving 10.6 g of anhydrous sodium carbonate in 400 mls of distilled water and making it to 1 litre of solution.
3. 2M acidified sulphuric (VI) acid is prepared by measuring 110cm<sup>3</sup> of 98% S.W.G 1.84 sulphuric acid then pour slowly into 200cm<sup>3</sup> of water make it up to 1 dm<sup>3</sup>.

Solid F – Zinc Sulphate