**MOMALICHE 2 CYCLE 6**

**CONFIDENTIAL INSTRUCTIONS FOR CHEMISTRY PAPER 3**

**Requirements per candidate**

* + - 1. 250cm3Volumetric flask
      2. 10cm3 measuring cylinder
      3. 2 conical flasks
      4. Labels about 2
      5. Thermometer - -10 to 110 0C
      6. Complete retort stand
      7. Filter funnel
      8. 0.2M NaOH – 100cm3 solution X
      9. Pipette
      10. Burette
      11. Exactly 3.6g of solid P
      12. 50ml of solution **W** in beaker. W is distilled water
      13. Solid M- 0.1g in container
      14. Distilled water (500ml)
      15. One boiling tube and four test tubes per candidate
      16. 60 cm3 of soap solution

Notes for preparation

1. Solid P is ethandioic acid dehydrate H2C2O4.H2O
2. Solid M is magnesium sulphate
3. Solution X is 0.2 M sodium hydroxide
4. Soap solution 5g of solid soap dissolved in 1 litre of water, best soap brands are Menengai, Kwanga, Panga……

**Access to:**

* + - 1. 2M NaOH solution
      2. 2M Ba(NO3)2 solution
      3. 2 Na2SO4 solution
      4. Source of flame/heat
      5. Phenolphthalein indicator
      6. 2M HNO3 solution