**MWAKICAN JOINT EXAMINATION**

**TERM 2 2019**

**FORM 3 CHEMISTRY PP.3 PRACTICAL**

**CONFIDENTIAL**

1. About 80cm3 of solution K
2. About 60cm3 of solution M
3. Solid X
4. Burette (50.0cm3)
5. Pipette (25.0cm3) and a pipette filler
6. 250cm3 volumetric flask
7. At least two conical flasks
8. 1 label
9. Tile, funnel, stand clamp and boss
10. Distilled water
11. About 8 test tubes
12. Metallic spatula
13. Two boiling tubes
14. pH chart
15. 2cm length magnesium ribbon(cleaned)
16. 2 wooden splints
17. ½ spatula of sodium hydrogen carbonate
18. One red and one blue litmus papers
19. Test tube holder
20. ½ spatula of the solids below

A – Na2SO4

B – Na2CO3

C- Zn (NO3)2

1. Solution F – 10cm3 1M HO

**Access to:**

1. Means of heating
2. Methyl orange indicator
3. 2M ammonia solution
4. 0.5M HCl
5. Universal indicator

**NB:**

1. Solid X is 1.0g of accurately weighed sodium carbonate
2. Solution M is made by diluting 85cm3 of dilute hydrochloric acid using distilled water to a litre of solution.
3. Solution K is made by dissolving 5.6g of sodium hydroxide pellets to a litre of solution.