**LARI SUB COUNTY**

**CHEMISTRY PRACTICAL EXAM JULY 2019**

**CONFIDENTIAL**

**Each Candidate will require:**

1. Solution **A**, 2M Hydrochloric acid

2. Solution **B**, 0.2M sodium carbonate solution.

3. Stopwatch

4. 100ml measuring cylinder

5. 250ml volumetric flask

6. Distilled water in a wash bottle

7. 1 Label

8. 1 50ml burette

9. 1 25mlPipette

10. 1 pipette filler

11. 2 250ml conical flasks

12. Methyl orange indicator

13. A 10ml measuring cylinder

14. 4 pieces of 1cm cleaned magnesium ribbon

15. Retort stand

16. White tile

17. About 0.2g of Solid F (Ammonium Iron (II) sulphate crystals)

18. A metallic spatula

4 Test tubes

19. Test tube rack

20. Source of heat

21. Test tube holder

22. Blue and red litmus paper

23. Distilled water in a wash bottle

24. 2M Sodium hydroxide solution with a dropper

25. 2M Ammonia solution with a dropper

26. Lead nitrate solution

27. Barium Chloride solution