**Term 2 - 2024**

**CHEMISTRY PP3**

**CONFIDENTIAL**

**FORM FOUR (4)**

**Name**: …………………………………………………………. **Adm** **No**: ……………….

**School**: ……………………………………………………….. **Class**: …………………..

**Signature**: …………………………………………………….. **Date**: …………………...

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**INSTRUCTIONS TO SCHOOLS**

In addition to the fittings and apparatus found in a chemistry laboratory, each candidate will require the following:

1. **Each student is to be provided with:**
2. One burette 0 – 50 ml
3. One pipette 25.0 ml and a pipette filler
4. Two clean and dry conical flasks (250ml)
5. Six clean and dry test-tubes
6. A metallic spatula
7. One label
8. One boiling tube
9. About 500cm3 of distilled water in a wash bottle
10. One 50 ml measuring cylinder.
11. One 10 ml measuring cylinder.
12. 250 ml glass beaker
13. Thermometer
14. Blue litmus paper
15. Solid B – **about 1.5g** of solid hydrated aluminium sulphate.
16. Solid L – about 1.5g of oxalic acid crystals.
17. Solution P – 150 ml of 0.02 M Acidified potassium manganate (VII)
18. Solution Q – 150 ml of 0.05 M oxalic acid solution
19. Solution R – 150 ml of 0.05 M hydrated ammonium aluminium sulphate

**B Access to:**

1. Phenolphthalein indicator
2. Bunsen burner
3. Tripod stand and wire gauze
4. 2.0M NaOH solution supplied with a dropper
5. 2.0M ammonia solution supplied with a dropper
6. 2.0 M sulphuric (VI) acid supplied with a dropper
7. Bench reagent: acidified barium nitrate solution supplied with a dropper
8. Acidified potassium manganate (VII) supplied with a dropper