**CHEMISTRY MOKASA I 2021 CONFIDENTIAL**

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

1. One Burette, 0-50ml.
2. One 25ml Pipette.
3. Two 250ml Conical Flask
4. One complete Retort Stand
5. One White Tile
6. One Pipette Filler
7. Six Test-tubes
8. Two Boiling tubes
9. Wash bottle filled with distilled water
10. One metallic spatula.
11. About 1g of solid sodium hydrogen carbonate.
12. Thermometer.
13. 120cm3 solution A.
14. 120cm3solution B.
15. Distilled water in a wash bottle.
16. Solid R.
17. Solid Q.
18. Solid F.

**ACCESS TO**

1. Source of heat.
2. Acidified Potassium Manganite (VII)
3. Bromine water
4. Sodium sulphate solution
5. Aqueous sodium hydroxide solution.
6. Aqueous ammonia solution
7. Acidified barium nitrate solution

**NOTES**

* Solid **R** is 2.0g Potassium chlorate, KClO3 crystals.
* Solution A is prepared by dissolving exactly 39.2g of FeSO4(NH4)2SO4.nH2O in 600cm3 of distilled water and dilute with distilled water to one litre.
* Solution B is prepared by dissolving 3.0g of KMnO4 in 400ml of 2M H2SO4 and diluting with distilled water to one litre.