**233/3**

**CHEMISTRY**

**Paper 3**

**CONFIDENTIAL**

**JUNE 2015**

**Time: 2¾ hours**

**KASSU JET**

**Kenya Certificate of Secondary Education**

**233/3**

**Paper 3**

**CHEMISTRY**

- Solution P (KMnO4)

- Solution Q - (Oxalic acid 0.05m)

- Solution R (Containing 4.9g of (NH4)2SO4 FeSO4 6H2O in 250cm3 solution).

- 50ml measuring cylinder

- 5 test tubes

- 1 boiling tube

- 250ml glass beaker

- Thermometer

- Stopwatch

- Burette

- Pipette

- Two conical flasks.

- About 1g solid B - (ZnSO4)

- Distilled water

- About 0.5g of solid L. (Oxalic acid)

- Litmus papers

- Metallic spatula

- Means of heating

- Sodium hydroxide solution

- Ammonia solution

- Barium nitrate solution