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CHEMISTRY PRATICAL**CONFIDENTIAL INSTRUCTIONS TO SCHOOLS**

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

Question one.

- Burette
- Pipette
- Filter Funnel
- Retort stand and clamp
- Conical flask, 250ml
- White tile
- Phenolphthalein indicator
- 100cm³ of Solution K, 0.1M hydrochloric acid
- 100cm³ Solution L 2g per litre of sodium hydroxide.
- Solid N 0.5 g of an impure calcium carbonate, (N is made by mixing CaCO₃ and Sodium Chloride in the ratio 4:1)
- An empty 250ml beaker

Question two.

- 2M hydrochloric acid, solution A. About 50cm³ per student
- Solid B, 1 cm length of magnesium ribbon. (5 pieces per student).
- Empty 100ml beaker
- Stopwatch
- Burette
- 10ml Measuring cylinder.

Question three.

- Solid Q (mixture of Na₂CO₃ and NaCl in the ratio 1:1)
- One boiling tube
- 4- test tubes

ACCESS TO:

- 0.5m BaCl_{2(aq)}
- 0.2M HCl (aq)
- 0.5M Pb (NO₃)_{2 (aq)}
- 2M NaOH_(aq)
- Source of water