

Chemistry confidential

Instruction to schools

Apart from the common laboratory and chemicals, each candidate requires the following;

A

- Solution D -100cm³
- Solution K -100cm³
- Solution N -100cm³
- Solution R -100cm³
- One burette 0-50ml
- One pipette 25ml and pipette filler
- Six dry test tube and test tube holder
- One thermometer
- One metallic spatula
- One boiling tube
- One 10ml measuring cylinder
- 250ml plastic beaker
- Distilled water
- 2-conical flask
- About 2g of solid NaHCO₃

B: ACCESS TO

- Source of heat
- Distilled water.
- Litmus paper
- 2M NaOH
- 2M Ba(NO₃)₂
- 2M NH_{3(aq)}
- 2M NaCl
- Phenolphthalein
- Acidified potassium dichromate
- Bromine water

C) FURTHER INFORMATION

Solid J - Maleic acid (0.5g)
Solid D hydrated ZnCl₂ (0.5g)
Solution D -Sulphuric (VI) acid 1M
Solution R (NaOH) 1M

Solution N prepared by dissolving 100cm³ concentration of HCL in 400cm³ concentration of HCl in 400cm³ distilled water then top up to make one liter (100cm³)

Solution K (NaOH) dissolves 40g in 400cm³ made upto litre (100cm³)