**Year 11 Practical Test (Thursday 22nd August, Period 2) Jijy, Room Sci-5**

* 8 beakers, labelled A-H, each containing 150 mL of 0.1 mol/L solutions

|  |  |
| --- | --- |
| **Beaker label** | **Solution (150 mL)** |
| A | Potassium carbonate, K2CO3 |
| B | Copper(II) sulfate, CuSO4 |
| C | Sodium iodide, NaI |
| D | Barium chloride, BaCl2 |

|  |  |
| --- | --- |
| **Beaker label** | **Solution (150 mL)** |
| E | Strontium chloride, SrCl2 |
| F | Copper(II) nitrate, Cu(NO3)2 |
| G | Sodium carbonate, Na2CO3 |
| H | Potassium iodide, KI |

* 8 small beakers, also labelled A-H, containing solids of the above substances (a few spoonfuls)
* 10x spotting tiles
* 40x test tubes *(4 per student)*
* 40x plastic pipettes *(4 per student)*
* 10x Dropper bottles (0.1 mol/L unless otherwise noted):
  + **Hydrochloric acid (1 mol/L)**
  + Sodium chloride
  + Sodium sulfate
  + Sodium carbonate
  + Sodium nitrate
  + Sodium hydroxide
  + Sodium iodide
  + Copper(II) nitrate
  + Lead(II) nitrate
  + Potassium nitrate
  + Silver nitrate
  + Barium chloride
  + Potassium bromide
  + Magnesium sulfate
  + Cobalt(II) chloride
* 10x watch glasses 10x Distilled water 10x Retort stand
* 10x metal loop (for flame tests) 20x small beaker
* 10xMatches 1X Big waste jar
* 10x Bunsen burner 11X pairs of latex gloves (big and small)
* 8x spatula 10x clamps and Bosshead