

FORM 3 TERM 2 - 2015 CHEMISTRY

PRACTICAL PAPER 3 233/3

CONFIDENTIAL

In addition to the fittings and chemicals found in a chemistry laboratory, each student will require the following.

- 1 120cm³ of solution P-2M HCL
- 2 Accurately weighed 5.0g of solid Q-Na₂CO₃
- 3 About 80cm³ of solution R-40g/litre NaoH.
- 4 100ml measuring cylinder
- 5 10ml measuring cylinder
- 6 3 conical flasks
- 7 250ml beaker
- 8 1 label
- 9 25.0ml pipette
- 10 burette
- 11 tile, funnel, stand, clamp and boss
- 12 distilled water
- 13 About 8 test tubes
- 14 Metallic spatula – clean
- 15 2 boiling tubes
- 16 PH chart
- 17 2cm length magnesium ribbon(cleaned)
- 18 2 wooden splints
- 19 ½ spatula of sodium hydrogen carbonate

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- 20 one red and one blue litmus papers
- 21 Test-tube holder
- (22) $\frac{1}{2}$ spatula of each of the solids below
- :- A – Na_2SO_4
- :- B – Na_2CO_3
- :- C – $\text{Zn}(\text{NO}_3)_2$
- :- D – $\text{Pb}(\text{NO}_3)_2$
- :- E – $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$
- 23 Solution F- 10cm^3 1M HCl

Access to

1. Means of heating
2. Phenolphthalein indicator
3. 2M ammonia solution
4. 1M HCl
5. Universal indicator