



TEACHER.CO.KE SERIES 6

CHEMISTRY

PAPER 3

CONFIDENTIAL

Each candidate should be provided with:

1. About 50cm³ of solution P.
2. About 100cm³ of solution R.
3. A pipette with pipette filler.
4. Filter funnel.
5. Burette.
6. 2 pieces conical flasks (250ml each).
7. Glass rod.
8. Volumetric flask (250ml).
9. About 250ml distilled water in a wash bottle.
10. Filter paper.
11. Solid Q 0.6g Accurately weighed.
12. About 1g of solid E.
13. 1 red and 1 blue litmus papers.
14. 6 test tubes in a rack.
15. About 1g of solid F.
16. Metallic spatula.

In addition each candidate should access.

1. 2M ammonia solution.
2. 2M dilute nitric acid.
3. 0.1M barium nitrate solution.
4. 0.1M potassium iodide.
5. Bromine water.
6. Acidified K₂Cr₂O₇.
7. 0.1g NaHCO₃ solid.
8. Universal indicator + pH chart.
9. Source of heat.

NOTES

Solid Q : Mixture of 0.5g Na_2CO_3 + 0.1g CaCO_3 .

Solution P: Dissolve 172cm³ of conc. HCl in distilled water and make to 1 litre solution.

Solution R: Dissolve 12g of NaOH pellets in 1 litre solution.

Solid E: Is aluminum sulphate.

Solid F: Oxalic acid..

Bromine water: Dissolve 1cm³ of Bromine liquid in 99cm³ of distilled water