

KENYAPLEX EXAMS

END TERM 1 2020

CHEMISTRY CONFIDENTIAL

In addition to common fittings, apparatus and chemicals found in the laboratory,

Each candidate requires:

- (1) Solid S –Oxalic acid accurately weighed (4.5g) in a clean dry test tube.
- (2) Solid M – A mixture of PbCO_3 and CuSO_4 in ratio 2:1.
- (3) Solid A -1spatula of Oxalic acid
- (4) Universal indicator paper.

APPARATUS

1. Thermometer (-10°C to 110°C)
2. One Clean and dry Boiling tube
3. 80 cm^3 Of 0.06M acidified potassium manganate (VII)
4. Distilled water in a wash bottles
5. Burette
6. Pipette
7. Pipette filler
8. One 250ml volumetric flask
9. 2 conical flasks
10. One Filter paper
11. Filter funnel
12. 6 test tubes
13. A test tube holder
14. Source of heat
15. 2cm long P^{H} paper
16. P^{H} chart
17. one label
18. Complete stand
19. White tile
20. Test tube holder

Access to:

- Water bath
- cold water in a 250 ml beaker
- Acidified Barium chloride
- 2M Sodium hydroxide
- 2M Ammonia solution
- 2M Nitric(v) acid
- 2M Hydrochloric acid
- Acidified Potassium Manganate (vii)