

KENYAPLEX EXAMS 2021

END OF TERM II 2021 EXAMINATIONS

FORM 3

CHEMISTRY PAPER 3

CONFIDENTIAL

- Exactly 5g of solid P
- About 100cm³ of solution Z
- 80cm³ of solution X
- 100ml measuring cylinder
- 250ml beaker
- Stirring rod
- 250ml volumetric flask
- Distilled water
- Label
- A burette
- Pipette
- Pipette filler
- 2 conical flasks
- A boiling tube
- About 1g of solid T
- 4 test tubes
- About 1g of solid R
- About 0.2g of solid A
- 2 pieces of red litmus papers
- 2 pieces of blue litmus papers
- Access to
- Phenolphthalein indicator
- 2M NaOH
- Source of heat
- 2M ammonia solution
- 2M Sulphuric (VI) acid
- Bromine water
- Acidified potassium Manganate VII
- Acidified barium nitrate solution

NOTE

- Solid P is a mixture of exactly 3.0g of anhydrous sodium carbonate and 2g sodium chloride.
- Solution Z is 2M hydrochloric acid
- Solution X is 0.4M sodium hydroxide solution.
- Solid T is hydrated Aluminium ammonium sulphate
- Solid A is sodium hydrogen carbonate.