

CONFIDENTIAL

THE PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT
IRINGA REGION
FORM FOUR MOCK EXAMINATION - 2021
CHEMISTRY 2A
CODE: 032/2 ACTUAL PRACTICAL

3HOURS ADVANCED INSTRUCTION

1.0 IMPORTANT

- 1.1 GREAT CARE SHOULD BE TAKEN NOT TO DIVULGE THESE INSTRUCTIONS TO BOTH CANDIDATES AND TO UNAUTHORISED PERSON EITHER DIRECTLY OR INDIRECTLY.
- 1.2 MAKE SURE THAT THE CANDIDATES ARE PROVIDED WITH CHEMICALS AND APPARATUS AS INDICATED IN THIS ADVANCED INSTRUCTION ONLY AND NOT OTHERWISE.

2.0 PREPARATION AND LABELS ON CHEMICALS AND APPARATUS

2.1 Question 1

- Dissolve exactly 6.3g of Hydrated Oxalic acid, $(\text{COOH})_2 \cdot 2\text{H}_2\text{O}$ in distilled water to make 1dm^3 solution. Label it as **N** and then distribute about 200ml per candidate.
- Prepare exactly 0.05M of KOH solution. Label it as **K** then distribute about 200ml per candidate.
- Provide both **P.O.P** and **M.O** indicators to be shared in ratio of maximum of four candidates.

2.2 Question 2

Provide about 4g of NaCl salt to each candidate and then label it as **G**