

CONFIDENTIAL

PRESIDENT'S OFFICE

REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

REGIONAL MOCK EXAMINATION FOR FORM FOUR -2024

SHINYANGA REGION

BIOLOGY ACTUAL PRACTICAL 2A

033/2A

3HOURS PRACTICAL ADVANCED INSTRUCTION

INSTRUCTIONS

1.0 IMPORTANT

1.1 GREAT CARE MUST BE TAKEN TO DIVULGE THESE INSTRUCTIONS TO BOTH CANDIDATES AND UNAUTHORIZED PERSONS EITHER DIRECTLY OR INDIRECTLY.

1.2. MAKE SURE THAT THE CANDIDATES ARE PROVIDED WITH THE SPECIMENS AND APPARATUS INDICATED IN THESE PRACTICAL ADVANCED INSTRUCTIONS ONLY AND NOT OTHERWISE.

2.0 APPARATUS

Provide to each candidate.

- Use starch powder and egg albumen to prepare the food sample solution M mixture.
- Distribute the reagents and Apparatus that used to identify the food present in the food sample solution M.
 - i. Iodine solution
 - ii. Benedicts solution
 - iii. Copper (II) Sulphate solution
 - iv. Sudan (III) solution
 - v. Sodium Hydroxide Solution

- vi. 1 test tube holder
- vii. 1 test tube brush
- viii. 4 test tube per 1
- ix. 1 source of heat for 8
- x. 1 Beaker per Candidate

3.0 LABELLING OF THE SPECIMENS AND APPARATII.

- a) Tilapia fish..... J
- b) Maize seedling..... X
- c) Crab..... Y

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