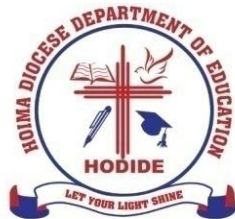


**553/2 Inst. Sch.
BIOLOGY
PRACTICAL
Instructions
July/Aug. 2023**



HOIMA DIOCESE EXAMINATIONS BOARD

Uganda Certificate of Education

BIOLOGY PRACTICAL INSTRUCTIONS

Paper 553/2 Inst.Sch.

July/August 2023

CONFIDENTIAL INFORMATION

This information is given only to facilitate preparation of the examination.

Great care should be taken that the information given below does not reach the candidates either directly or indirectly.

INSTRUCTIONS FOR PREPARING SPECIMENS AND APPARATUS

The teacher responsible for preparing specimens must ensure that candidates are provided with correct specimens and other materials as specified in these instructions.

Specimens and solutions which have been assigned letters should be presented to candidates using those letters only.

The head teacher **must** ensure that the Teacher preparing the specimens and apparatus hands in his / her trial results for physiology /biochemistry question, properly sealed in a separate envelope and firmly fastened to the candidates' script envelope.

The teacher should report cases of candidates with special disabilities indicating the personal numbers. Any case of interchange of specimens must be reported.

In addition to other pieces of apparatus and fittings ordinarily found in a Biology Laboratory, each candidate should be provided with the following:

10 cm³ of undiluted orange extract labelled **X**.

1 whole *Bidens pilosa* plant labeled **K**.

1 whole mango leaf labelled **L**.

1 whole Avocado leaf labelled **M**.

8 test tubes.

1 sharp knife.

1 Dropper.

5 cm³ of **DCPIP** labelled **Z**.

20 m³ of distilled water.

1 boiling tube.

1 10 cm³ measuring cylinder.

1 Hand lens.

Heat source.

1 freshly killed, mature and small sized tilapia fish labelled **G**.

[illegible]

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Any hardships encountered by candidates during the examination.

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Any special comment pertaining candidates work which you think can help examiners during marking.

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Name of Teacher responsible for preparing apparatus

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Signature: Date:

Name of Headteacher

Signature Date:

Name of school **Centre No.**