**553/2**

**BIOLOGY**

**(Practical)**

**INSTRUCTIONS**

**Jul/Aug 2016**

****

**MUKONO EXAMINATIONS COUNCIL**

**Uganda Certificate of Education**

**BIOLOGY PRACTICAL**

**Paper 2**

CONFIDENTIAL INSTRUCTIONS

**2 Hours**

**CONFIDENTIAL**

* *Great care must be taken so that the information given does not reach the candidates either directly or indirectly.*
* *The person in charge of preparing the specimens must ensure that candidates are provided with correct specimens and other materials as specified in these instructions.*

**INSTRUCTIONS**

*Each candidate should be provided with the following:*

Two bean seeds soaked for 2days labelled **S1**

Two ground nut seeds soaked for 2 days labelled **S2**

Two soya bean seeds soaked for 2 days labelled **S3**

Two unsoaked groundnut seeds labelled **S4**

12cm3 of 20% hydrogen peroxide

A fresh mature intact Tilapia / Nile perch fish labelled **Q**

A morning glory / sweet potato flower labelled **E**

A Hibiscus flower labelled **F**

A male maize flower labelled **G**

1 boiling tube

5 test tubes

Labels

Razor blade

Knife

Hand lens

**This form must be completed and returned with the scripts.**

**UGANDA CERTIFICATE OF EDUCATION**

**July/August 2016**

**REPORT ON BIOLOGY PRACTICAL 553/2**

**Section I:**

Any information which the teacher responsible for preparing the apparatus thinks may be useful to the examiners should be given on this sheet. The teacher must try all the questions and submit his/her results in the space provided below to guide the examiners about the apparatus and concentrations of the chemicals used.

[NB: Teachers who DO NOT submit their trial results will be held responsible for the candidates' performance].

**Results:**

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**Section II:**

The invigilator, in consultation with the teacher responsible for preparing the apparatus, should give details below of any difficulties experienced by particular candidates, giving their names and index numbers. These should include reference to:

(a) difficulties due to faulty apparatus,

……………………………………………………………………………………………………..…………………………………………………………………………………………………………………………………………………………………………..

(b) accidents to apparatus or materials,

……………………………………………………………………………………………………..…………………………………………………………………………………………………………………………………………………………………………..

(c) physical handicaps of candidates,

……………………………………………………………………………………………………..…………………………………………………………………………………………………………………………………………………………………………..

1. any other information.

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

Other cases of hardship e.g. illness, disability, should be reported directly to the Examination Committee in the normal way.

A plan of work benches, giving details by index numbers of the places occupied by the candidates for each experiment for each session, must be enclosed with the scripts.

**Invigilator**

Name.......................................................................................................... Signature...................................

**Teacher responsible for preparing apparatus**

Name......................................................................................................... Signature...................................

**Head teacher**

Name........................................................................................................ Signature..................................

Centre Name: .........................................................

**END**