

Biology 3
0710

GENERAL CERTIFICATE OF EDUCATION BOARD

General Certificate of Education Examination

JUNE 2022

ADVANCED LEVEL

Subject Title	Biology
Paper N0./Title	Paper 3- Practical
Subject Code No.	0710

STRICTLY CONFIDENTIAL

For the Centre Supervisor

INSTRUCTIONS FOR GROUP IV

The Centre Supervisor should read this confidential document, as soon as possible after receipt, to ensure that the materials required are available.

All specimens, apparatus and reagents must be supplied by the center concerned.

Turn over

1. **The following specimens should be provided and given labels as follows:**

- A - Liverwort
- B - Bread mould and substrate
- C - Groundnut plant
- D – Cypress with cones
- E - Butterfly
- F - Honeybee
- G - Millipede
- H - Caterpillar

Specimens should be provided for each candidate where possible, otherwise for each group of not more than FOUR candidates.

2. **Material per candidate:**

- Hand lens.
 - Specimens E and H.
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3. **Materials per candidate.**

Each candidate should be provided with the following:

- a) A live bony fish e.g. Tilapia
 - b) A dissecting set
 - c) Dissecting pins
 - d) Tissue paper
 - e) dissecting board or dish
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4. **Materials per candidate:**

- a) Two Irish potatoes
 - b) A ruler and knife
 - c) Saturated salt solution labeled Y
 - d) Distill or tap water labeled X
 - e) Cups or Petri dishes
 - f) Filter paper
 - g) Clock or watch
 - h) Labeling tags
 - i) Syringes or measuring cylinder
 - j) Heat source
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