

**SUKELLEMMO JOINT PREMOCK 2022**

231/3

**Biology Paper 3**

**(Practical)**

**CONFIDENTIAL**

**Each candidate will require:**

- ❖ A freshly obtained pinnate/bipinnate leaf labeled specimen **K**.
- ❖ A piece of Irish potato tube (a medium sized potato to be shared between four students)
- ❖ A scalpel or other means of cutting
- ❖ 5 labels
- ❖ One test tube
- ❖ A freshly obtained piece of couch grass having 2 to 3 internodes complete with roots and leaves labeled specimen **H**.
- ❖ Distilled water
- ❖ Stop watch or access to a wall clock
- ❖ About 15ml hydrogen peroxide
- ❖ 10ml measuring cylinder
- ❖ Access to:
  - Iodine solution supplied with a dropper calibrated in ml
  - Dilute sodium hydroxide solution supplied with a dropper calibrated in ml
  - Dilute hydrochloric acid supplied with a dropper calibrated in ml.