

**BIOLOGY PAPER 3**  
**231/3**  
**(Practical)**  
**OCT/NOVEMBER**  
**Time" 1 3/4 hours**

**2021 TRIAL 3 OCT/NOVEMBER INTERNAL EXAMINATION**

*Kenya Certificate of Secondary Education (K.C.S.E.)*

**Confidential**

The information contained in this paper is to enable the head of the school and the teacher in charge of Biology to make adequate preparations for the Biology practical examination.

**Each Candidate will Require:-**

- L1 - Sodium hydrogen carbonate solution supplied with a dropper.
- L2 - starch solution supplied with a dropper
- (Olive) oil supplied with a dropper.
- Benedict's solution supplied with a dropper.
- Iodine solution supplied with a dropper
- 5 clean test tubes.
- Irish potato
- Scalpel
- Amylase solution
- 4 labels
- Motar and pestle
- Distilled water in a wash bottle
- A 30cm transparent ruler

- 10ml measuring cylinder
- Means of timing e.g. clock / stop watch.
- Means of heating.
- Hibiscus flower marked K