

# SAMIA SUB-COUNTY JOINT EXAMINATION

Kenya Certificate of Secondary Education

DECEMBER 2021

## BIOLOGY PAPER 3

**231/3 (CONFIDENTIAL)**

### REQUIREMENTS

1. 4cm<sup>3</sup> of Iodine solution
2. 30cm Transparent ruler
3. Solution P – mix glucose, egg albumen and (6cm<sup>3</sup>) starch
4. Petri-dish (1)
5. Concentrated salt solution labeled L (10cm<sup>3</sup>)
6. Piece of visking tubing (4cm)
7. 2 pieces of 10cm string (thread)
8. One piece of raw mature banana
9. Scalpel / knife
10. One boiling tube
11. One wall clock per room

### NB:

- ✓ *Each candidate to provided with the above apparatus, specimens and chemicals*
- ✓ *Photographs for question 2 and 3 should be coloured*