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BIOLOGY

PAPER 3

# KCSE TOP PREDICTION MASTER CYCLE 4

## CONFIDENTIAL

**Each candidate should have the following:**

- 80 ml of iodine solution supplied with a dropper
- 8 cm visking tubing.
- 2 pieces of strong cotton thread 20 cm long.
- 100 ml beaker (glass or plastic)
- Means of timing. A wall clock will be appropriate.
- 10 ml measuring cylinder.
- 100 ml water in 250 ml beaker.
- 10 ml of 10 % Starch solution labelled X.
- 10 ml of Benedict's solution supplied with a dropper
- 2 Test tubes
- Hand lens

Specimen J: *Hibiscus rosaninensis*

K: *Bougainvillea glabra*

L: *Jacaranda mimosifolia*

M: *Zea mays*

N: *Lantana camara*

### **Preparation of 10 % Starch solution**

Dissolve 10 gm of starch powder in 100 ml of distilled water.