**MACHAKOS COUNTY KCSE TRIAL & PRACTICE EXAMINATION 2015**

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

**231/3**

**BIOLOGY**

**PAPER 3**

**(PRACTICAL)**

**13/4 HOURS**

Each candidate should be provided with the following items.

* 80 ml of iodine solution.
* 8 cm visking tubing.
* 2 pieces of strong cotton thread 20 cm long.
* 100ml beaker (glass or plastic)
* Means of timing. A wall clock will be appropriate.
* 10ml measuring cylinder.
* 100ml water is 250ml beaker.
* A ruler with mm marking.
* Medium size semi-ripe tomato labelled specimen P.
* 10ml of 10% starch solution labelled X.
* Scalpel.