

IKUTHA SUB-COUNTY KCSE REVISION MOCK EXAMS 2015

**231/3
BIOLOGY
PAPER 3
PRACTICAL**

SCHOOLS NET KENYA
Osiligi House, Opposite KCB, Ground Floor
Off Magadi Road, Ongata Rongai | Tel: 0711 88 22 27
E-mail: infosnkenya@gmail.com | Website: www.schoolsnetkenya.com

231/3
BIOLOGY
PAPER 3
PRACTICAL

IKUTHA SUB-COUNTY FORM FOUR JOINT EXAMINATION, 2015

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

231/3
BIOLOGY
PAPER 3
PRACTICAL

CONFIDENTIAL

INSTRUCTIONS TO SCHOOLS

1. The information contained in this paper is to enable the head of school and the teacher in charge of Biology to make adequate preparations for this Biology Practical examination. **NO ONE ELSE** should have access to this paper or acquire knowledge of its contents. Great care **MUST** be taken to ensure that the information here does not reach the candidates either directly or indirectly.
2. The **Biology teacher** should note that it is his / her responsibility to ensure that each apparatus acquired for this examination agrees with the specifications given.
3. The question paper will not be opened in advance.

Each candidate should have the following requirements:-

- Onion bulb
- Distilled water in a beaker labelled solution X
- Concentrated salt/sugar solution in a beaker labelled solution Y
- Blade/razor blade
- Means of timing/clock etc.
- Water in wash bottle.
- 10ml of glucose solution in a test tube labelled solution P
- 10ml of sucrose solution in a test tube labelled solution Q
- 5ml dilute HCl labelled solution M in a beaker / test tube
- 10ml sodium hydrogen carbonate in a beaker/ test tube labelled solution N
- Benedict solution labelled Z in a beaker
- Source of heat
- At least two test tubes in a test tube rack

N.B

Candidates can have access to

1. Benedict's solution
2. Sodium hydrogen carbonate
3. Means of heating