

231/3 (a) Inst. Sc.

**BIOLOGY**

**Paper 3**

**PRACTICAL**

Oct./Nov. 2009

DONE BY: 4/11/09

**THE KENYA NATIONAL EXAMINATIONS COUNCIL**

**Kenya Certificate of Secondary Education**

**BIOLOGY**

**Paper 3**

**PRACTICAL**

### **INSTRUCTIONS TO SCHOOLS**

*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 this year's 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 herein does not reach the candidate either directly or indirectly. The teacher in charge of Biology should **NOT** perform any of the experiments or give any information related to these instructions to the candidates.*

**This paper consists of 2 printed pages.**

Each candidate will require the following:

4 test tubes ✓

Test tube rack ✓

2 droppers minimum length 14 cm. ✓

Means of labelling ✓

Means of heating/Bunsen burner/Waterbath. ✓

0.5 ml of **concentrated** Hydrochloric acid. ✓

The teacher will require:

An additional 5 test tubes per candidate. ✓

30 ml of distilled water per candidate. ✓

Other materials required for the examination will be supplied by KNEC.

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