

231/3
BIOLOGY
Paper 3
CONFIDENTIAL
JULY/AUGUST, 2010

KWANZA DISTRICT JOINT EVALUATION EXAM – 2010
Kenya Certificate of Secondary Education (K.C.S.E)

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INSTRUCTION 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 mock 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 candidates either directly or indirectly. The teacher in charge of Biology should NOT perform any of the experiments in the same room as the candidates nor make the results of the experiments available to the candidates or give any other information related to the experiments to the candidates.

Each candidate will require the following

Iodine solution

Benedicts solution

Means of heating / warm / hot water bath

Means of cutting / scalpel

6- Test tubes

Test tube rack

Test tube holder

Water in 50ml beaker

Dropper

Means of labelling

Pestle and mortar

An onion bulb with growing roots and growing aerial leaves labelled specimen. P.

Note: - Fleshy picked growing onions with roots intact can be used

- Onion bulb can be made to develop roots and leaves by planting them in moist saw dust/
sand.