ADVANCED LEVEL NATIONAL EXAMINATIONS 2011

SUBJECT: BIOLOGY

PAPER III: PRACTICAL BIOLOGY

COMBINATIONS: PHYSICS-CHEMISTRY-BIOLOGY (PCB)
MATHS-CHEMISTRY-BIOLOGY (MCB)
BIOLOGY-CHEMISTRY-GEOGRAPHY (BCG)

DURATION: 1 Hour 30 Minutes

INSTRUCTIONS TO CANDIDATES:

This paper consists of One compulsory question.

All answers should be written in the spaces provided.

All drawing should be done in pencil
1. You are provided with Specimen S. 
Examine it and answer the questions that follow.

a) Comment on the symmetry of specimen S. .............................................. (2 marks)

b) Describe the arrangement of stamens on specimen S ................................ (3 marks)

c) (i) Cut specimen S longitudinally and describe the Structure of the pistil................ (4 marks)

(ii) Draw and label a longitudinal section of specimen S ............................... (8 marks)
d) State with reasons the pollinating agent of specimen S.  \(\text{(3 marks)}\)

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