P530/3
BIOLOGY
PAPER 3

Uganda Advanced Certificate of Education
BIOLOGY
Paper 3

Great care should be taken that the information given below does not reach the candidates either directly or indirectly.
Each candidate should be provided with the following

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Each candidate must be provided with: -

A freshly killed toad / frog, labelled **T.**

Dissecting board and pins

Plastic cup for setting up an incubator

Thermometer

Urea solution made by dissolving 15g/l labelled **W**

0.25M Ethanoic acid solution made by dissolving 15g/l (grams per litre)

Methyl orange indicator labelled **Z**

Distilled water

20cm^3 of **Soya bean** seed extract labelled **X.** To prepare the extract, the seeds are soaked and allowed to germinate for three days. The **½ kg** of seeds are then crushed in a motor / blended and the extract obtained by filtration made up to a litre.

5 boiling tubes

3 conical flasks

50ml measuring cylinder

50ml buiret

Maize inflorescence labelled **K**.

Capitilium of ***Bidens*** inflorescence labelled **L**

Hand lens

Common Reagents for food tests

Heat source

END