

SOUTH LINK JOINT EVALUATION TEST

BIOLOGY 231/3
CONFIDENTIAL TO SCHOOLS
OCT/ NOV – 2010
FORM 3

1. Each student should be provided with the following:-

- Specimen A – an onion bulb.
- Specimen B – a cockroach
- Iodine solution
- Benedict's solution
- Means of heating
- Pestle and mortar
- Distilled water
- Knife/scalpel
- Ruler
- Stop watch
- 5 test – tubes
- Test-tube holder
- Solution X (distilled water)
- Solution Y (20% salt solution)
- Solution Z (extract from crushed onion bulb)
- White tile | filter paper| white piece of paper

**SOUTH LINK JOINT EVALUATION TEST
PHYSICS 232/3 PRACTICAL CONFIDENTIAL
OCT-NOV. 2010
FORM 3**

1. *Each student must be provided with;*

- One Ammeter (0-2.A)
- One Voltmeter (0-5V)
- Cell holder for two cells
- Two dry cells
- A switch
- Nichrome wire (SWG 28) mounted on a metre rule
- Six connecting wires three of them with crocodile clips

2. *Each student must be provided with;*

- one stop watch
- A metre rule
- Half-metre rule
- Two retort stands and claps
- A piece of string (thread) about 1.2m long
- A lump of plasticine
- A protractor
- A pendulum bob

**SOUTH LINK JOINT EVALUATION TEST
CHEMISTRY 233/3 PRACTICAL CONFIDENTIAL
OCT-NOV. 2010
FORM 3**

Each candidate to provided with the following;

- 1.6g of solid A – Ethan-1,2-dioic acid/Oxalic acid
- 100ml solution B-0.1M NaOH solution
- 250ml volumetric flask
- Distilled water in a wash bottle
- Means of labeling
- 25ml pipette
- At least 2 250ml conical flasks
- 50ml measuring cylinder
- 100ml measuring cylinder
- Solid H – 2 spatulaful of lead (II)Nitrate
- 6 clean test tubes
- A boiling tube
- A test tube holder
- Litmus paper
- A wooden splint
- Solid G-half spatulaful of Copper (ii) Carbonate
- About 10ml of 2M Sulphuric (vi) acid

Access to:

- Phenolphthalein indicator with a dropper
- Source of heat
- 2M Sodium Carbonate solution in a 50ml beaker
- 2M Sodium Sulphate in a 50ml beaker
- 2M Potassium Iodide or Sodium Iodide solution in a 50ml beaker
- 2M sodium Hydroxide solution with a dropper
- 2M Ammonia solution with a dropper