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PHYSICS
PAPER 3
(PRACTICAL)
JULY/AUGUST 2016
TIME: 2½ HOURS

CONFIDENTIAL

KIRINYAGA CENTRAL SUB-COUNTY EFFECTIVE FORTY JOINT EXAMINATION – 2016

Question 1:

- A resistance wire PQ mounted on mm scale. (SWG 30, diameter = 0.32mm)
- Ammeter (0 1A).
- A voltmeter 0 3V or 0 5V.
- 2 new size D dry cells and a cell holder.
- A switch labelled K.
- Seven connecting wires at least two with crocodile clips.
- A convex lens of focal length 20cm and a lens holder.
- A metre rule.
- A white screen.
- A candle.

Question 2:

- A metre rule.
- A knife edge raised 20cm above the bench.
- One 50g mass and a 100g mass.
- Some thread (2) 20cm each.
- Some water in a beaker.
- Some liquid L in a beaker (paraffin).
- Tissue paper.
- A rectangular glass block.

- 4 optical pins.A plain sheet of paper.Cello tape.A piece of softboard.