

(232/3)

PHYSICS

CONFIDENTIAL REPORT

FORM FOUR (4)

KCSE TOP PREDICTION MASTER CYCLE 6

Every candidate is expected to be provided with the following apparatus:

QUESTION ONE

You are provided with the following:

- Copper wire (approximately 35 cm long and 1 mm thick)
- A retort-stand, boss and clamp
- An optical pin mounted on a cork
- A stop watch
- Wire cutters (to be shared)
- A metre-rule or half-metre rule
- A cylindrical container (approximate height of 20 cm)
- Some water
- A stop watch
- A metre ruler or half metre rule
- A boiling tube (approximate: diameter of 2.5 cm and height 15 cm)
- Some sand
- A rubber band

QUESTION TWO

- Constantan wire (of approximate 0.33mm thick) mounted on a mm scale
- Ammeter (0 – 1) A
- Voltmeter (0 –2.5) V
- A jockey
- 6 connecting wires with crocodile clips
- A switch
- A new dry cell and a cell holder
- Micrometer screw gauge (to be shared)
- Rectangular glass block (approximately 10cm by 6 cm by 2 cm)
- 3 optical pins
- A soft board.
- A plane paper
- 4 paper pins.
- Four tuck pins
- 30 cm ruler (to be provided by the candidates)

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