

## PHYSICS PAPER 3

### CONFIDENTIAL

**The following apparatus should be provided for the Physics practical paper;**

#### Question one

You are provided with the following:

- 2 new dry cells size D
- A cell holder
- A switch
- A millimeter of range 0 to 1 mA
- A capacitor labeled C (2200 $\mu$ F)
- 8 connecting wires; at least four with crocodile clips on one end
- A stopwatch
- A carbon resistor labeled **R** ( 4.7K $\Omega$ )

#### Question Two

You are provided with the following;

- a rectangular glass block of dimensions; 9.6cm X 6.0cm X 2.4cm (Tolerance + or - 0.2cm)
- 4 optical pins
- 2 thumb pins
- a soft board
- a plain paper