

**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 (2200µF)
* 8 connecting wires; at least four with crocodile clips on one end
* A stopwatch
* A carbon resistor labeled **R ( 4.7KΩ)**

**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