

PHYSICS FORM FOUR PAPER 232/3

CONFIDENTIAL

Question 1

- A carbon resistor labelled X (**10Ω**)
- A carbon resistor labelled Z (**$10k\Omega$**)
- A voltmeter (0 – 5V)
- An ammeter (0 – 1A)
- 5 10Ω carbon resistors (unlabelled)
- Centre zero galvanometer.
- 2 new dry cells - size D
- Cell holder.
- 8 connecting wires at least 4 with crocodile clips at one end.
- Jockey
- A resistance wire labelled AB (A at 0) mounted on mm scale. (diameter 0.29mm)
- A switch.

Question 2

- Metre rule.
- Screen
- Glass beaker (250ml)
- Water
- Plasticine.
- A candle.
- Vernier calipers. (can be shared)
- Micrometer screw gauge (can be shared)
- Boiling tube.
- Test tube.
- Some water in a beaker
- Half metre rule.
- 2 ball bearings. (size $\frac{1}{4}$ ")
- Some sand.
- Spatula
- Complete retort stand.