**MINCKS GROUP OF SCHOOLS**

**PHYSICS FORM FOUR PAPER 232/3**

**TERM 2 2022**

**CONFIDENTIAL**

**Question 1**

* A carbon resistor labelled X (**10Ω**)
* A carbon resistor labelled Z (**10kΩ**)
* 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 ¼’’)
* Some sand.
* Spatula
* Complete retort stand.