**Term 2 - 2022**

**PHYSICS (232/3)**

**CONFIDENTIAL REPORT**

**FORM FOUR (4)**

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)