



# MARANDA HIGH SCHOOL

Kenya Certificate of Secondary Education  
PRE-MOCK EXAMINATIONS 2023

**232/3**

**PHYSICS CONFIDENTIAL**

**Paper 3**

## **QUESTION 1**

Each candidate to be provided with the following:

- 2 new size D dry cells in a cell holder
- A switch
- Seven connecting wires at least two with crocodile clips
- Voltmeter 0-3V or 0-5V
- Ammeter 0-2.5A
- Nichrome wire mounted on a mm scale labelled X
- A micrometer screw gauge (to be shared)

## **QUESTION 2**

### **PART A**

Each candidate to be provided with the following apparatus

- A lens of focal length 10 cm and a lens holder.
- A screen with cross wires
- A white screen
- A candle
- A metre rule.

### **PART B**

Each candidate to be provided with the following apparatus:

- A metre rule
- A knife edge
- One 50g mass and a 100 g mass
- Two pieces of threads each 30 cm long
- Some water in a beaker
- 200ml of kerosene in a beaker labelled Liquid L
- Tissue paper