



# MARANDA HIGH SCHOOL

Kenya Certificate of Secondary Education  
MOCK EXAMINATIONS 2025

232/3

PHYSICS

Paper 3

Physics Practical Confidential

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*Each candidate should be provided with the following:*

## Question 1

- Nichrome wire **100cm, SWG 32**, mounted on a millimeter scale labelled **AB**
- A component labelled **X (thermistor mf725d1)**
- Source of boiling water
- 9 connecting wires at least 4 with crocodile clips
- A resistor labelled  $R_1$  ( $4.7\Omega$ )
- A resistor labelled  $R_2$  ( $4.7\Omega$ )
- 250ml beaker
- Thermometer
- Galvanometer
- Two dry cells in a cell holder
- Jockey

## Question 2

- Triangular glass prism
- Four optical pins
- Four thumb pins
- Soft board
- A4 plain paper
- Metre rule
- Thread
- A complete retort stand
- Two masses, a 50g and 20g mass
- Water in a beaker
- Liquid X (kerosene, 200ml) in a beaker

