

NAME:.....INDEX NO.:.....

SCHOOL:.....SIGNATURE.....DATE.....

**232/3**

**PHYSICS**

**PAPER 3**

**2 HOURS**

**CONFIDENTIAL**

**CATHOLIC DIOCESE OF KAKAMEGA EVALUATION TEST  
JULY/AUGUST EXAM 2025**

***KENYA CERTIFICATE OF SECONADRY EDUCATION (K.C.S.E)***

**INSTRUCTIONS TO CANDIDATES**

*Write your name and index number in the spaces provided.*

*Sign and write the date of examination in the spaces provided.*

*Answer ALL questions.*

*You are supposed to spend the first 15 minutes reading the whole paper carefully before commencing your work.*

*Marks are given for a clear record of the observations actually made, their suitability, accuracy and the use made of them.*

*Non- programmeable silent electronic calculators may be used.*

## **QUESTION 1**

Each candidate is provided with the following:-

- A lens of focal length 10cm
- A lens holder
- A metre rule
- A candle
- A screen

## **QUESTION 2**

- A half metre rule labelled A and B
- A micrometer screw gauge ( to be shared).
- A center zero galvanometer
- A knife-edge of height approx..20.0cm
- A switch.
- A 100g mass
- 10 connecting wires (at least 5 with crocodile clips.
- A resistance wire mounted on a millimeter scale labelled A and B.
- A piece of strong sewing thread of length 30cm.
- An electronic weighing balance – to be shared.
- 52cm of resistance wire labelled P (SWG- 28)
- 52cm of resistance wire labelled Q (SWG – 32)
- 2 dry cells (size D)
- Cell holder.