

THE ROYAL EXAM SERIES

Kenya Certificate of Secondary Education

232/3 — PHYSICS — Paper 3



CONFIDENTIAL

FORM 4

TERM 2

DECEMBER 2021



Each candidate should have the following:

- A metre rule
- Two identical 100g masses (labelled A and B)
- Liquid L , paraffin in 250ml beaker, $\frac{3}{4}$ full.
- Three pieces of thread, each 30cm long.
- Stand with clamps
- Tissue paper.
- Vernier calipers (To be shared)
- Resistance wire fitted on a millimeter scale labeled MN,(Nichrome wire $G=32\text{mm}$)
- Switch
- Voltmeter (0-5V)
- Ammeter (0-2.5A)
- Two dry cells in a cell holder
- 8 connecting wires ,atleast 4 with crocodile clips
- Micrometer screw gauge (To be shared)
- A glass prism
- A plain sheet of paper
- A soft board
- 4 optical pins
- 4 paper pins