



MARANDA HIGH SCHOOL

Kenya Certificate of Secondary Education
PRE-MOCK EXAMINATIONS 2022

232/3

PHYSICS CONFIDENTIAL

Paper 3

QUESTION 1

PART A

Each candidate to be provided with the following apparatus

- A metre rule.
- Two complete stands.
- A stop watch
- Two pieces of thread (50 cm and 50 cm)
- Steel rod of diameter 5 mm and length 60 cm

PART B

Each candidate to be provided with the following apparatus:

- Metre rule
- Thread
- A complete retort stand
- Two masses, a 50g and a 20g mass
- Water in a beaker
- 250ml of kerosene in a beaker labelled liquid X

QUESTION 2

Each candidate to be provided with the following:

- 2 new size D dry cells
- A cell holder
- A switch
- 8 connecting wires
- Resistor box labelled $R = 18\Omega, 22\Omega, 27\Omega, 33\Omega$ and 39Ω
- Resistor labelled $Q = 10\Omega$
- Nichrome wire mounted on a mm scale
- A micrometer screw gauge (to be shared)
- A Voltmeter