

SUKELEMO PHYSICS CONFIDENTIALS (dec 2020)

QUESTION ONE

- ✓ meter rule.
- ✓ electronic beam balance (shared)
- ✓ vernier callipers (shared)
- ✓ measuring cylinder
- ✓ boiling tube.
- ✓ A wire mounted on a millimetre scale labelled AB(use a wire of diameter 0.45mm)
- ✓ A galvanometer.
- ✓ Jockey
- ✓ A carbon resistor labelled X .(10 ohm carbon resistor)
- ✓ 8 Connecting wires, 4 with crocodile clips at both ends.
- ✓ A resistance wire labelled R mounted on a half meter rule(use a wire of diameter 0.45mm fixed on half metre rule)
- ✓ Ammeter (range 0-1)
- ✓ Voltmeter (range 0-5 or 0-2.5)
- ✓ One dry cell in a cell holder
- ✓ Micrometer screw gaug

QUESTION TWO

- ✓ Soft board
 - ✓ Vernier calipers.
 - ✓ Rectangular Glass block of width 6.50 cm
 - ✓ Four optical pins.
 - ✓ Plain sheet of paper.
 - ✓ Two thumb tacks
 - ✓ Protractor
-
- A metre rule
 - Two Half metre rules
 - Stop watch
 - A complete retort stand
 - Two pieces of thread.(each 60cm) –preferably use a laboratory thread.
 - Some cellotape