**SUKELLEMO JOINT MOCK- 2019**

**PHYSICS PAPER 3**

 **CONFIDENTIAL**

Each Candidate requires;

**QUESTION 1A**

Nichrome wire on a meter rule (28 SWG)

Ammeter (0-2.5 A)

Voltmeter (0-5V)

A Switch

Three dry cells in a cell holder

**A 2.5 V bulb**

8 connecting wires (at least 4 with crocodile clips on one end)

**QUESTION 1B**

A Meter rule

A Knife edge raised 20cm above the bench

One 50g mass

One 100g mass

4 pieces of thread (length about 30cm)

Water in a beaker

Liquid L in a beaker (paraffin)

**Some tissue paper**

**QUESTION 2**

Triangular Prism

Four optical pins

A soft board

A plain sheet of paper

A source of boiling water

A 250ml beaker

A Thermometer

A Stopwatch