

# **KAPSABET HIGH SCHOOL**

## **QUESTION ONE**

- stopwatch
- 250ml beaker
- Rubber bung
- Thermometer
- 150 ml of boiling water
- Tripod
- Gauze
- Retort stand and clamp
- Hot water

## **QUESTION 2**

### **PART A**

- One resistor labelled  $R = 40\Omega$
- A wire labelled  $W$  mounted on millimetre scale (32 gauge)
- A wire labelled  $S$  mounted on a millimetre scale (28 gauge)
- One dry cell and a cell holder
- One jockey
- One centre zero galvanometer
- Eight connecting wires, four with crocodile clips at both ends
- A micrometer screw gauge
- A switch

### **PART B**

- Lens and a lens holder ( $f=10\text{cm}$ )
- Half metre rule
- White screen