

**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 = 40Ω

- 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=10cm)

- Half metre rule

- White screen