

KASSU JET PHYSICS CONFIDENTIAL

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

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