

KASSU JET 2016

232/3

PHYSICS PRACTICAL

CONFIDENTIAL

Provide the following apparatus to the candidates.

Question one

- Nichrome wire SWG 28 mounted on a mm scale
- 2 new dry cell (size D)
- A cell holder
- A switch
- An ammeter (0 – 1 A)
- A voltmeter (0 – 5 V)
- Six connecting wires three with crocodile clips
- A micrometer screw gauge (to be shared)

Question 2A

- A metre rule
- Knife edge (at least 20cm high)
- One 50g mass and one 100g mass
- Some two pieces of threads (at least 30cm long)
- 100cm³ of water in a 250cm³ beaker
- 100cm³ of kerosene in a beaker labeled L
- Some tissue paper

Question 2B

- Rectangular glass block (9.6cm x 6,0cm x 2.3cm)
- Four optical pins
- A soft board
- A plain sheet of paper
- Some cellotape
- A complete mathematical set