

BUMA PRE-MOCK 2014

PHYSICS PAPER 3

232/3

CONFIDENTIAL

QUESTION ONE

You are provided with the following:

- A metre rule
- Vernier calipers
- A 300g mass
- Two knife edges 11cm high

QUESTION TWO

PART 1

You are provided with the following:

- A nichrome wire long mounted on a scale
- 2 dry cells
- 1 ammeter (0-1A)
- A switch
- A bulb
- A voltmeter (0-5v or 0-3v)
- A cell holder
- At least 6 connecting wires, one with a jokey

PART II

You are provided with the following:

- Boiling tube
- 2000ml beaker
- Sand in a small beaker
- Vernier calipers (to be shared)
- A weighing balance (to be shared) metre rule/ a half metre rule / 30cm rule/ 15 cm rule
- Spatula and water