**BUTULA PHYSICS CONFIDENTIAL**

Question one

You are provided with the following:

* A micrometer screw gauge (to be shared)
* A vernier caliper (to be shared)
* Glass rod (diameter= 0.8 cm $\pm 0.1$)
* A 50 cm nichrome wire SWG 28 labeled **M**
* Some cello tape
* One 50 g mass
* Some masses (totaling 40g)
* A meter rule
* A stand boss and clamp
* A stop watch

Question two

You are provided with the following:

- A candle

-Metre rule

-White screen

-Lens holder

-Convex lens of focal length 15 cm .

-A voltmeter ( 0-3 or 0-2.5or 0-5)

-An ammeter( 0-1)

-A nichriome wire labeled x mounted on a millimeter scale SWG 32

-8 connecting wires with crocodile clips

-Micrometer screw gauge

-A switch

-A jockey

-One new dry cell and a cell holder.