

FORM 3 END TERM 2
PHYSICS 232/3

PHYSICS CONFIDENTIAL

QUESTION 1

Each candidate will require the following

- A retort stand, clamp and boss
- A spiral spring ($k= 10 \text{ N /m}$)
- A stop watch
- Three 100g masses
- Three 50g masses
- 5 optical pins
- A rectangular glass block (100x 60x 18 mm)
- A white plain paper
- A soft board
- 4 thumb pins

QUESTION 2

Each candidate should be provided with

- Two dry cells size D 1.5V each.
- A voltmeter (0-5V) range
- An ammeter (0-1A) range
- A cell holder
- Five connecting wires
- Two crocodile clips
- A jockey
- A nichrome wire (SWG 32) mounted on a meter rule and labeled Q