

PHYSICS FORM 3 PRACTICAL

REQUIREMENT (CONFIDENTIAL)

NB: Physics teachers should ensure that candidates do not get prior knowledge of the content of this paper

Question 1

Each student should have

- A concave mirror of $f = (15-20\text{cm})$ on a lens holder
- A screen
- A metre rule
- A candle and a match box The match box may be shared)

Question 2

Each student should have:

- An ammeter (0-1A)
- A voltmeter (0-2.5V) or (0-5V)
- A switch
- A nichrome wire (29-28mm) mounted on a mm scale -1 metre long
- Along wire with a crocodile clip at one end (or a jockey)
- Two new size D dry cells and cell holder
- Six connecting wires, two with crocodile clips at one end
- A micrometer screw gauge (may be shared)