

KIRIMA JOINT EVALUATION TEST – 2009

232/3

PHYSICS

PAPER 3

CONFIDENTIAL

APPARATUS REQUIRED

1. - Mounted convex lens ($f = 30\text{cm}$)
 - White screen
 - Metre rule
 - Retort stand and clamp
 - Loose graph paper (2mm squares)
 - Cellotape

2. **PART A**

- 250cm^3 beaker
- Water
- Screen
- Metre rule
- Candle

PART B

- Two dry cells (size D)
- Two cell holders
- A voltmeter
- An ammeter
- A bulb
- A mounted wire on a mm scale
- 11 Connecting wires (3 with clips)

NB:

Teacher to mount a lens securely by using a cellotape to a lens holder which can be clamped horizontally without the lens falling off.