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# Atika School

F r e e O n l i n e A c a d e m y

## PHYSICS PAPER 3

**CONFIDENTIAL**

### Question 1

*Each candidate would require:-*

- Two metre-rules.
- A stopwatch.
- A half metre rule.
- Two retort stands, two bosses and two clamps.
- Some sewing thread.
- A pendulum ball.
- A piece of knitting thread.
- A rectangular stiff paper labelled M.
- One 100g mass.
- A funnel.
- A pendulum ball.

### Question 2

*Each candidate would require:-*

- A metre rule
- Some plasticine
- Bi convex lens (Focal length 20.0 cm)
- A candle
- A lens holder
- Across wire mounted on a cardboard
- A white screen
- 2 new dry cells size D
- A cell holder.
- One 100cm resistance wire mounted on millimeter scale.
- 1 switch
- 1 Voltmeter 0 - 3V.

- 1 Ammeter 0— 1A,
- 8 connecting wires (4 with at least 1 crocodile clip).