

# PHYSICAL SCIENCES

## PAPER 1

## MAY-JUNE

## MEMO

# 2025



Figure 8 is already drawn and S, the switch, is closed with the voltmeter reading 10 V.

1. (4 marks)
- 1.1 Calculate the potential difference across the voltmeter.
- 1.2 Calculate the current through the 2 Ω resistor.



- 1.1 Draw a free-body diagram for the beam.
- 1.2 Calculate the magnitude of the force F.



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