

PHYSICAL SCIENCES

PAPER 1

MAY-JUNE

MEMO

2025



Figure 1 is a circuit diagram used for Question 1. The voltmeter is connected in parallel with the battery and the 12 Ω resistor.

1.1 (1 mark)
State the purpose of the voltmeter in the circuit diagram.

Answer: To measure the potential difference across the 12 Ω resistor.



- 2.1 (1 mark)
State the purpose of the force F.
- 2.2 (2 marks)
Calculate the magnitude of the force F.



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