ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY FOUNDATION · UNIT 6 · 5 QUESTIONS

# Interactions over Small and Large Distances — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button so it can be fixed.

**1** **A passenger train travels at a steady speed. What is its acceleration?**

- A 1 m/s²
- B 0 m/s²
- C 10 m/s²
- D 9.8 m/s²

Understand It with Pulse | Flag a mistake

2 **A resistor has a potential difference of 12 V across it and a resistance of 6 ohms. What is the current?**

- A 2 A
- B 4 A
- C 72 A
- D 1 A

Understand It with Pulse | Flag a mistake

3 **What is a permanent magnet?**

- A a magnet that is very strong
- B a magnet that can be switched off
- C a magnet that stays magnetic
- D a magnet made of iron only

Understand It with Pulse | Flag a mistake

4 **A tennis ball is served fast. What is its speed like?**

A low

B zero

C negative

D high

Understand It with Pulse | Flag a mistake

5 **A yellow school bus is full of children. What is its mass like?**

A the same as when empty

B larger than when empty

C smaller than when empty

D zero

Understand It with Pulse | Flag a mistake

## ANSWER KEY

1. B
2. A
3. C
4. D
5. B

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