ENGLAND GCSE PHYSICS OCR GATEWAY HIGHER · UNIT 4 · 5 QUESTIONS

Magnetism and Magnetic Fields — 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 to let Brett know so he can fix it.

1 **A wristwatch is used to time a race. What is speed calculated from?**

- **A** mass and time together
- **B** distance only, not time
- **C** distance and time
- **D** time only, not distance

Understand It with Pulse | Flag a mistake

2 **What does a loudspeaker turn electrical signals into?**

- A heat
- B radio waves
- C sound
- D light

Understand It with Pulse | Flag a mistake

3 **A tennis ball is hit across a court. Which force slows the ball down in the air?**

- A friction with the ground
- B gravity
- C the hit
- D air resistance

Understand It with Pulse | Flag a mistake

4 **How can the output of a generator be increased?**

- A turn the coil slower
- B use fewer turns on the coil
- C use a weaker magnet
- D turn the coil faster

Understand It with Pulse | Flag a mistake

5 **What do iron filings show when sprinkled around a bar magnet?**

- A the strength in numbers
- B the field pattern
- C the poles only
- D the temperature

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.