ENGLAND GCSE PHYSICS EDEXCEL HIGHER · UNIT 12 · 5 QUESTIONS

Magnetism and the Motor Effect — 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 passenger train brakes. What force slows it down?**

- A lift
- B friction
- C thrust
- D gravity, pulling it down

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2 What is a solenoid?

- A a bar magnet made of steel
- B a coil of plastic tubing
- C a straight piece of copper wire
- D a coil of wire

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3 What does Fleming's left-hand rule give?

- A the strength of a magnet
- B the size of the current
- C the force direction
- D the direction of a field line

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4 **How can the strength of an electromagnet be increased?**

- A by using a steel core instead of iron
- B by using fewer turns on the coil
- C by switching the current off
- D by increasing the current

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5 **Hardcover books have mass. What is mass measured in?**

- A newtons, the unit of force
- B watts
- C kilograms
- D joules

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ANSWER KEY

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

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