ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 12 · 10 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 **Hardcover books have mass. What is mass measured in?**

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

Understand It with Pulse | Flag a mistake

2 **A guitar is plugged into an amplifier. What flows through the cable?**

- A light
- B electric current
- C water
- D sound waves travelling along it

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3 **A yellow school bus stops at a station. What happens to its speed?**

- A it increases
- B it becomes negative
- C it stays the same
- D it becomes zero

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4 **Which poles repel each other?**

A north and south poles together

B like poles

C unlike poles, which attract each other

D no poles repel each other at all

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5 **What is a solenoid?**

A a straight piece of copper wire

B a coil of plastic tubing

C a coil of wire

D a bar magnet made of steel

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6 **A calculator runs on a small current. What is current measured in?**

- A ohms, the unit of resistance
- B amperes
- C watts, the unit of power
- D volts, the unit of voltage

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7 **A passenger aeroplane takes off. Which force lifts it up?**

- A drag
- B thrust
- C weight
- D lift

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8 **Which of these is NOT a magnetic material?**

A iron

B nickel

C cobalt

D copper

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9 **Which poles attract each other?**

A north and north, which are the same

B south and south, which are the same

C no poles attract each other at all

D north and south

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10 **What is inside an electromagnet to make it stronger?**

A an air core

B an iron core

C a wooden core

D a copper core

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ANSWER KEY

1. B
2. B
3. D
4. B
5. C
6. B
7. D
8. D
9. D
10. B

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