ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 26 · 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 so it can be fixed.

1 **Hardcover books are stacked on a table. What force pulls them down?**

A air resistance

B friction

C tension

D gravity

Understand It with Pulse | Flag a mistake

2 **A passenger train carries people around the country. Which part of the blood is like the train, carrying oxygen around the body?**

A plasma

B red blood cells

C white blood cells

D platelets

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3 **What does a compass needle point to?**

A geographic south, away from north

B magnetic north

C the nearest large magnet

D the centre of the Earth

Understand It with Pulse | Flag a mistake

4 **In Fleming's left-hand rule, what does the first finger show?**

A the wire direction

B the current direction

C the field direction

D the force direction

Understand It with Pulse | Flag a mistake

5 **A calculator uses a battery. What energy is stored in the battery?**

A chemical energy

B thermal energy from heat

C kinetic energy of motion

D light energy from the Sun

Understand It with Pulse | Flag a mistake

6 **What happens to an electromagnet when the current is switched off?**

A it loses its magnetism

B it becomes a permanent magnet

C it attracts more strongly than before

D it stays magnetic for ever after

Understand It with Pulse | Flag a mistake

7 **A passenger aeroplane cruises. Which force opposes its motion?**

A lift

B drag

C weight

D thrust

Understand It with Pulse | Flag a mistake

8 **What is the magnetic field around a solenoid like?**

A like a bar magnet

B like an electric motor

C there is no field at all

D like a single straight wire

Understand It with Pulse | Flag a mistake

9 **Which poles repel each other?**

A north and south poles together

B unlike poles, which attract each other

C no poles repel each other at all

D like poles

Understand It with Pulse | Flag a mistake

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

A electric current

B light

C water

D sound waves travelling along it

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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