ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 27 · 5 QUESTIONS

Electromagnetic Induction — 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 have mass. What is mass measured in?**

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

Understand It with Pulse | Flag a mistake

2 **A guitar string vibrates to make a sound. What type of wave is the sound wave?**

- A electromagnetic
- B transverse
- C standing
- D longitudinal

Understand It with Pulse | Flag a mistake

3 **A passenger aeroplane flies at a steady speed and height. What is the resultant force on the aeroplane?**

- A 5000 N
- B 1000 N
- C 0 N
- D 10000 N

Understand It with Pulse | Flag a mistake

4 **A transformer has a primary voltage of 240 V. The number of turns on the secondary coil is 10 times smaller than on the primary coil. What is the secondary voltage?**

- A 48 V
- B 2400 V
- C 24 V
- D 250 V

Understand It with Pulse | Flag a mistake

5

How does a loudspeaker work?

A a magnet makes sound on its own, with no coil

B current moves a coil in a field

C a battery makes the cone hot

D the cone vibrates the magnet

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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