ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · UNIT 15 · 5 QUESTIONS

Electricity and Magnetism — 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 **A tennis ball is served fast. What is its speed like?**

- A high
- B low
- C zero
- D negative

Understand It with Pulse | Flag a mistake

2 **A current of 4 A flows for 30 seconds. How much charge flows?**

- A 60 C
- B 120 C
- C 34 C
- D 240 C

Understand It with Pulse | Flag a mistake

3 **A resistor has a potential difference of 6 V across it and a resistance of 3 ohms. What is the current?**

- A 18 A
- B 2 A
- C 1 A
- D 4 A

Understand It with Pulse | Flag a mistake

4 **What is the frequency of UK mains electricity?**

- A 100 Hz
- B 230 Hz
- C 60 Hz
- D 50 Hz

Understand It with Pulse | Flag a mistake

5

A small positive charge is placed in an electric field. Which way does the force on it point?

A at right angles to the field

B along the field lines

C there is no force on it

D against the field lines

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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