ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 10 · 5 QUESTIONS

Electricity and Circuits — 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 guitar amplifier is connected to the mains. What is the voltage of the mains supply in the UK?**

- A 230 V
- B 110 V
- C 12 V
- D 50 V

Understand It with Pulse | Flag a mistake

2 **A current of 2 A flows for 20 seconds. How much charge flows?**

- A 40 C
- B 80 C
- C 20 C
- D 22 C

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3 **A device works at 230 V with a current of 5 A. What is its power?**

- A 1160 W
- B 2300 W
- C 1150 W
- D 575 W

Understand It with Pulse | Flag a mistake

4 **For a fixed resistor at constant temperature, what is the current-voltage characteristic?**

- A a curve that flattens out
- B a straight line through zero
- C a curve that rises steeply then stops
- D a flat line at zero current

Understand It with Pulse | Flag a mistake

5

A tennis ball is served fast. What is its speed like?

A low

B zero

C negative

D high

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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