ENGLAND GCSE PHYSICS EDEXCEL HIGHER · 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 calculator runs on a small current. What is current measured in?**

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

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 longitudinal
- C transverse
- D standing

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3 **A current of 3 A flows for 10 seconds. How much charge flows?**

- A 15 C
- B 30 C
- C 60 C
- D 40 C

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4 **What colour is the neutral wire in a plug?**

- A red
- B blue
- C brown
- D green and yellow

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5

A resistor has a potential difference of 12 V across it and a resistance of 4 ohms. What is the current?

A 48 A

B 1.5 A

C 3 A

D 6 A

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Flag a mistake

ANSWER KEY

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

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