ENGLAND GCSE PHYSICS OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 3 · 5 QUESTIONS

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

Understand It with Pulse | Flag a mistake

2 **What does a light-dependent resistor do in bright light?**

- A its resistance rises
- B its resistance falls
- C its resistance stays the same
- D it makes its own light

Understand It with Pulse | Flag a mistake

3 **A current of 5 A flows for 10 seconds. How much charge flows?**

- A 50 C
- B 60 C
- C 100 C
- D 25 C

Understand It with Pulse | Flag a mistake

4 **A lamp runs at 6 V with a current of 4 A. What is its power?**

- A 34 W
- B 24 W
- C 48 W
- D 12 W

Understand It with Pulse | Flag a mistake

5 **How does an antistatic mat stop a build-up of charge?**

A charge flows away

B it insulates the worker

C it makes more charge

D it heats the charge away

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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