ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 25 · 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 so it can be fixed.

1 **A calculator is switched on. What does the battery transfer energy to?**

- A the case
- B the circuits
- C the screen only
- D the buttons only

Understand It with Pulse | Flag a mistake

2 **A device works at 12 V with a current of 2 A. What is its power?**

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

Understand It with Pulse | Flag a mistake

3 **A wristwatch measures time. What is the unit of time?**

- A the day
- B the second
- C the hour
- D the minute

Understand It with Pulse | Flag a mistake

4 **A current of 5 A flows for 60 seconds. How much charge flows?**

- A 310 C
- B 600 C
- C 300 C
- D 150 C

Understand It with Pulse | Flag a mistake

5

A lamp runs at 24 V with a current of 3 A. What is its power?

- A 82 W
- B 144 W
- C 72 W
- D 36 W

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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