ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY HIGHER · UNIT 15 · 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 so it can be fixed.

1 **A guitar is plugged into an amplifier. What flows through the cable?**

- A electric current
- B light
- C water
- D sound waves travelling along it

Understand It with Pulse | Flag a mistake

2 **Which of these is a magnetic material?**

- A copper
- B aluminium
- C wood
- D iron

Understand It with Pulse | Flag a mistake

3 **A device works at 6 V with a current of 3 A. What is its power?**

- A 18 W
- B 9 W
- C 28 W
- D 36 W

Understand It with Pulse | Flag a mistake

4 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

- A particles flow past each other easily
- B particles vibrate in fixed positions
- C particles are far apart from each other
- D particles move freely through space

Understand It with Pulse | Flag a mistake

5 **What does Fleming's left-hand rule give?**

A the direction of the field

B the direction of the current

C the size of the force

D the direction of the force

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.