ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 19 · 5 QUESTIONS

Electricity — 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 string is tightened. What happens to the pitch?**

- A it disappears
- B it falls
- C it rises
- D it stays the same

Understand It with Pulse | Flag a mistake

2 **A component has a potential difference of 20 V across it and a current of 5 A through it. What is its resistance?**

- A 8 ohms
- B 4 ohms
- C 2 ohms
- D 100 ohms

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3 **A resistor has a potential difference of 12 V across it and a resistance of 6 ohms. What is the current?**

- A 2 A
- B 72 A
- C 1 A
- D 4 A

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4 **What happens to the total resistance when resistors are added in parallel?**

- A it stays the same
- B it decreases
- C it becomes zero
- D it increases

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5

Hardcover books are stacked on a table. What force pulls them down?

A tension

B air resistance

C gravity

D friction

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ANSWER KEY

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

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