ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY FOUNDATION · UNIT 5 · 5 QUESTIONS

Building Blocks for Understanding — 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 **Paintbrushes are cleaned in water. Why does the paint wash off?**

- A the paint burns in the water
- B the paint dissolves
- C the paint melts in the water
- D the paint freezes in the water

Understand It with Pulse | Flag a mistake

2 **How many moles are there in 24 g of a substance with a relative formula mass of 40?**

- A 0.6
- B 1.8
- C 1.2
- D 0.3

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3 **Which electronic structure is a noble gas?**

- A 2,8,1
- B 2,6
- C 2,8,7
- D 2,8,8

Understand It with Pulse | Flag a mistake

4 **What is the relative formula mass of sulfuric acid, H_2SO_4?**

- **A** 114
- **B** 66
- **C** 82
- **D** 98

Understand It with Pulse | Flag a mistake

5 **Silver coins conduct electricity well. Why?**

- **A** they are shiny and reflective
- **B** they have free electrons
- **C** they are cold
- **D** they are heavy

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ANSWER KEY

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

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