ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 2 · 5 QUESTIONS

Chemical Patterns — 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 **Hardcover books are dropped. What happens to their speed as they fall?**

A it stays the same

B it increases

C it becomes zero

D it decreases

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2 **An element is in period 4 of the periodic table. How many electron shells do its atoms have?**

- A 5
- B 4
- C 3
- D 6

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3 **What does the atomic number tell you?**

- A the number of protons
- B the number of electrons and neutrons
- C the number of neutrons
- D the mass of the atom

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4 **An atom of magnesium loses 2 electrons. What is the charge on the ion formed?**

- **A** +1
- **B** -2
- **C** +2
- **D** 0

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5 **Which substance has a giant ionic structure?**

- **A** sodium chloride
- **B** water, a simple molecule
- **C** carbon dioxide, a simple molecule
- **D** methane, a simple molecule

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ANSWER KEY

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

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