ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 8 · 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 **Silver coins are made of the element silver. What is the chemical symbol for silver?**

A Si

B Sv

C S

D Ag

Understand It with Pulse | Flag a mistake

2 **An atom has 8 protons. How many electrons does the neutral atom have?**

- A 9
- B 8
- C 10
- D 7

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

- A 4
- B 1
- C 3
- D 2

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4 **Lemons contain citric acid. What do acids make with metals?**

- A water only, nothing else
- B a salt and hydrogen
- C a salt and oxygen gas
- D a salt and water, never hydrogen

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5 **A swimming pool is filled with water. What is the density of water?**

- A about 1000 kilograms per cubic metre
- B about 100 kilograms per cubic metre, roughly
- C about 1 kilogram per cubic metre
- D about 10 kilograms per cubic metre

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ANSWER KEY

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

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