ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 9 · 5 QUESTIONS

Chemicals of the Natural Environment — 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 Ag
- B Sv
- C Si
- D S

Understand It with Pulse | Flag a mistake

2 **Why is water the only waste product of a hydrogen fuel cell?**

- A oxygen absorbs the waste products
- B the cell filters out all waste gases
- C the fuel cell runs on pure water
- D hydrogen burns cleanly in oxygen

Understand It with Pulse | Flag a mistake

3 **What happens to the boiling point of alkanes as the molecules get bigger?**

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

Understand It with Pulse | Flag a mistake

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

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

Understand It with Pulse | Flag a mistake

5 **What forms at the cathode during the electrolysis of molten lead bromide?**

- A lead
- B hydrogen
- C bromine
- D chlorine

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.