ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY HIGHER · UNIT 3 · 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 **Paintbrushes apply paint to a wall. What is the paint made of?**

- A a single compound, nothing else
- B pure water with nothing in it
- C a mixture of substances
- D a single element, nothing else

Understand It with Pulse | Flag a mistake

2 **What is the formula of propane?**

- A C_4H_{10}
- B C_2H_6
- C C_3H_8
- D C_3H_6

Understand It with Pulse | Flag a mistake

3 **What is the overall equation for a hydrogen fuel cell?**

- A oxygen plus water makes hydrogen
- B hydrogen plus nitrogen makes ammonia
- C hydrogen plus oxygen makes water
- D hydrogen plus oxygen makes carbon dioxide

Understand It with Pulse | Flag a mistake

4 **What is the formula of ethanol?**

- A C_2H_6
- B C_2H_4
- C CH_3COOH
- D C_2H_5OH

Understand It with Pulse | Flag a mistake

5 **An alkane with 12 carbon atoms is cracked. One product is an alkene with 4 carbon atoms. How many carbon atoms does the other product have?**

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.