ENGLAND GCSE CHEMISTRY OCR GATEWAY FOUNDATION · UNIT 2 · 5 QUESTIONS

Elements, Compounds and Mixtures — 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 **Lemons contain citric acid. What is the pH of lemon juice likely to be?**

- **A** 12
- **B** 7
- **C** 2
- **D** 14

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2 **An ice cream cone melts in the Sun. What is happening to the particles in the ice cream?**

- A they gain energy and move more
- B they lose energy and slow down a lot
- C they stop moving
- D they get smaller

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3 **What is steel?**

- A iron with a little carbon
- B iron with a lot of copper added
- C pure iron with nothing added
- D iron mixed with aluminium only

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4 **What are fullerenes?**

A solid blocks of carbon atoms

B flat sheets of carbon one atom thick

C molecules of carbon in hollow shapes

D long chains of carbon atoms in a row

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5 **What happens to the white precipitate of aluminium hydroxide in excess sodium hydroxide?**

A it turns blue at once

B it turns brown at once

C it forms more precipitate

D it dissolves

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ANSWER KEY

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

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