ENGLAND GCSE CHEMISTRY EDEXCEL FOUNDATION · UNIT 9 · 10 QUESTIONS

Separate Chemistry 2 — 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 **A chocolate cake is baked. Is baking a chemical change?**

- A never
- B no
- C yes
- D sometimes

Understand It with Pulse | Flag a mistake

2 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- A it expands
- B it contracts
- C it freezes
- D it evaporates

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3 **What is seen when silver nitrate is added to a solution of bromide ions?**

- A no precipitate forms
- B a yellow precipitate
- C a cream precipitate
- D a white precipitate

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4 **Which metal gives an orange-red flame?**

- A copper
- B lithium
- C sodium
- D calcium

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5 **What can gas chromatography separate?**

- A acids from alkalis only
- B solids from liquids only
- C metals from their ores
- D mixtures of gases

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6 **What unit is used to measure the size of a nanoparticle?**

- A centimetres
- B millimetres
- C nanometres
- D micrometres

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7 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

- **A** particles are far apart from each other
- **B** particles move freely through space
- **C** particles vibrate in fixed positions
- **D** particles flow past each other easily

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8 **What is the formula of ethanoic acid?**

- **A** CH_3COOH
- **B** C_2H_5OH
- **C** C_3H_7COOH
- **D** CH_4

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9 **A forest is cut down. What happens to the carbon stored in the trees?**

A it is released

B it is stored forever

C it turns to oxygen

D it disappears

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10 **Why is recycling a composite difficult?**

A the composite is too heavy to carry

B the composite dissolves in rain water

C the composite melts when it is heated

D the materials are joined together

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ANSWER KEY

1. C
2. A
3. C
4. D
5. D
6. C
7. C
8. A
9. A
10. D

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