ENGLAND GCSE CHEMISTRY OCR GATEWAY FOUNDATION · UNIT 4 · 10 QUESTIONS

Predicting and Identifying Reactions and Products — 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 yes
- B sometimes
- C no
- D never

Understand It with Pulse | Flag a mistake

2 **An ice cream cone is put in a freezer. What happens to the liquid?**

- A it freezes
- B it evaporates
- C it condenses
- D it boils

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3 **A cup of coffee is left for an hour. What happens to its temperature?**

- A it falls to room temperature
- B it falls to zero degrees
- C it rises above room temperature
- D it stays the same all day

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4 **Zinc is more reactive than lead. What happens when zinc is added to lead nitrate solution?**

A the solution turns green

B lead displaces zinc

C zinc displaces lead

D nothing happens at all

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5 **Will zinc displace copper from copper sulfate?**

A no, zinc is less reactive

B yes, copper is more reactive

C no, copper is more reactive

D yes, zinc is more reactive

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6 **Silver coins are made of a metal. Which property do metals have?**

A they conduct electricity

B they are brittle

C they do not conduct electricity at all

D they dissolve in water

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7 **A castle wall is made of stone. What type of rock is limestone?**

A metamorphic

B igneous

C sedimentary

D volcanic

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8 **Lemons contain citric acid. What is the pH of lemon juice likely to be?**

A 14

B 12

C 2

D 7

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9 **Which metal reacts most vigorously with cold water?**

A potassium

B zinc

C magnesium

D iron

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10 **What is made when sodium hydroxide reacts with hydrochloric acid?**

A sodium oxide and hydrogen

B sodium and chlorine

C sodium chloride and water

D sodium carbonate and water

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ANSWER KEY

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

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