ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 11 · 10 QUESTIONS

Chemical Changes — 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 **An ice cream cone melts. What is the melting point of the ice cream?**

- A around minus 20 degrees Celsius
- B around 37 degrees Celsius
- C around 0 degrees Celsius
- D around 100 degrees Celsius

Understand It with Pulse | Flag a mistake

2 **Lemons taste sour. What does sour taste show?**

- A a metal is present
- B a salt is present
- C an alkali is present
- D an acid is present

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3 **What is the order of reactivity, most reactive first?**

A potassium, sodium, calcium, magnesium

B sodium, potassium, magnesium, calcium

C magnesium, calcium, sodium, potassium

D calcium, magnesium, potassium, sodium

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4 **A chocolate cake is made from flour, sugar and eggs. Which ingredient provides protein?**

A water

B flour

C sugar

D eggs

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5 **What is the pH of a strong acid?**

A 7

B 1

C 10

D 14

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6 **Will zinc displace copper from its salt solution?**

A yes

B only with a catalyst

C only when heated

D no

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7 **A cup of coffee cools down. Energy is transferred to the surroundings. What type of change is this?**

- A a chemical change
- B a reversible reaction
- C a neutralisation
- D an energy transfer

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8 **Paintbrushes apply paint to a wall. What is the paint made of?**

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

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9 **A castle is built of limestone. What is limestone made of?**

A magnesium oxide, a white powder

B calcium carbonate

C sodium chloride, common salt

D calcium sulfate, found in plaster

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10 **What forms at the anode during the electrolysis of copper sulfate solution?**

A hydrogen

B bromine

C oxygen

D lead

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ANSWER KEY

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

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