ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 12 · 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 **Lemons taste sour. What does sour taste show?**

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

Understand It with Pulse | Flag a mistake

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

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

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

- A igneous
- B metamorphic
- C volcanic
- D sedimentary

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4 **How many moles are there in 80 g of a substance with a relative formula mass of 40 ?**

- A 4
- B 6
- C 1
- D 2

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

A it evaporates

B it boils

C it freezes

D it condenses

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6 **Will magnesium displace iron from its salt solution?**

A only when heated

B yes

C no

D only with a catalyst

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7 **Paintbrushes are cleaned in water. Why does the paint wash off?**

A the paint dissolves

B the paint melts in the water

C the paint burns in the water

D the paint freezes in the water

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8 **A chocolate cake is baked. Is baking a chemical change?**

A no

B yes

C sometimes

D never

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9 **Why must the electrolyte be molten or dissolved for electrolysis?**

A so the electrodes can melt as well

B so the ions can move

C so the power supply stays cool

D so the compound becomes a gas

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

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