ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 12 · 5 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 **Paintbrushes are cleaned in water. Why does the paint wash off?**

- A the paint freezes in the water
- B the paint melts in the water
- C the paint burns in the water
- D the paint dissolves

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2 **A cup of coffee is hot. How is energy transferred to the air?**

- A by radiation only, from the surface
- B by condensation on the cold cup
- C by conduction and convection
- D by evaporation only, from the top

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3 **How many moles are there in 20 g of a substance with a relative formula mass of 40 ?**

- A 0.5
- B 1.5
- C 1
- D 0.25

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

- A calcium sulfate, found in plaster
- B sodium chloride, common salt
- C calcium carbonate
- D magnesium oxide, a white powder

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5 **An ice cream cone melts. What is the melting point of the ice cream?**

A around 100 degrees Celsius

B around minus 20 degrees Celsius

C around 0 degrees Celsius

D around 37 degrees Celsius

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ANSWER KEY

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

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