ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 12 · 5 QUESTIONS

Making Useful Chemicals — 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 **Silver coins conduct electricity well. Why?**

- A they are cold
- B they have free electrons
- C they are heavy
- D they are shiny and reflective

Understand It with Pulse | Flag a mistake

2 **In a reaction, 10 g of A reacts with 6 g of B. What mass of product is made?**

- A 16 g
- B 10 g
- C 4 g
- D 6 g

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3 **What is the mass of 3 moles of a substance with a relative formula mass of 58.5?**

- A 351 g
- B 87.75 g
- C 175.5 g
- D 185.5 g

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4 **A reaction should make 50 g of product but makes 40 g. What is the percentage yield?**

- A 80%
- B 125%
- C 90%
- D 10%

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5

Why does a larger surface area increase the rate?

A the activation energy falls

B the temperature rises

C more particles are exposed

D particles move faster

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ANSWER KEY

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

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