ENGLAND GCSE CHEMISTRY AQA HIGHER · UNIT 3 · 5 QUESTIONS

Quantitative Chemistry — 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 rises in the oven. What makes it rise?**

- A the flour melts
- B the egg evaporates
- C the sugar freezes
- D a gas is made

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

- A 0.5
- B 2
- C 1
- D 3

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3 **A solution contains 1 moles of solute in 2 cubic decimetres of solution. What is its concentration in moles per cubic decimetre?**

- A 1.5 mol/dm³
- B 0.5 mol/dm³
- C 0.25 mol/dm³
- D 1 mol/dm³

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4 **Which piece of apparatus measures the volume of acid in a titration?**

- A a burette
- B a measuring cylinder
- C a beaker
- D a pipette

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5

Hardcover books have mass. What is mass measured in?

A joules

B newtons, the unit of force

C watts

D kilograms

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ANSWER KEY

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

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