ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY HIGHER · UNIT 6 · 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 **Lemons contain citric acid. What do acids make with metals?**

- A water only, nothing else
- B a salt and water, never hydrogen
- C a salt and hydrogen
- D a salt and oxygen gas

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2 **Which two solutions make barium sulfate when mixed?**

- A barium chloride and sodium chloride
- B barium chloride and sodium sulfate
- C barium nitrate and sodium chloride
- D sodium sulfate and sodium chloride

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3 **A solution has 10 g of salt in 2 cubic decimetres of water. What is its concentration?**

- A 5 g/dm³
- B 12 g/dm³
- C 2 g/dm³
- D 20 g/dm³

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4 **How can the rate of a reaction be measured using a gas syringe?**

- A by measuring the temperature
- B by timing the gas collected
- C by weighing the gas syringe
- D by counting the bubbles

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5

A reaction makes 2 moles of gas. What volume does the gas occupy at room temperature and pressure?

A 48 dm^3

B 36 dm^3

C 96 dm^3

D 60 dm^3

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ANSWER KEY

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

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