ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY FOUNDATION · 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 is the pH of lemon juice likely to be?**

- A 2
- B 12
- C 7
- D 14

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2 **In an experiment, 60 cubic centimetres of gas are made in 20 seconds. What is the rate of the reaction?**

- A 6 cm^3/s
- B 1200 cm^3/s
- C 1.5 cm^3/s
- D 3 cm^3/s

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3 **A reaction should make 200 g of product but only makes 180 g. What is the percentage yield?**

- A 90%
- B 100%
- C 80%
- D 180%

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

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

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5 **What is the minimum energy particles need to react called?**

A kinetic energy of the particles

B bond energy in the molecules

C activation energy

D thermal energy in the mixture

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ANSWER KEY

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

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