ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 13 · 5 QUESTIONS

The Rate and Extent of Chemical Change — 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 cup of coffee cools down. Energy is transferred to the surroundings. What type of change is this?**

- **A** a reversible reaction
- **B** an energy transfer
- **C** a neutralisation
- **D** a chemical change

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

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

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3 **A wristwatch measures time. What is the unit of time?**

- A the hour
- B the second
- C the minute
- D the day

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4 **In a second experiment, 50 cm cubed of gas are made in 15 seconds. What is the rate of the reaction?**

- A 4.8333 cm^3/s
- B 3.3333 cm^3/s
- C 3.8333 cm^3/s
- D 2.8333 cm^3/s

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

- A 96 dm^3
- B 60 dm^3
- C 36 dm^3
- D 48 dm^3

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ANSWER KEY

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

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