ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · 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 passenger train brakes. What force slows it down?**

A thrust

B gravity, pulling it down

C lift

D friction

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2 **A kite is held by a string. What force does the string exert?**

- A gravity
- B tension
- C friction
- D air resistance

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3 **A reaction produces 20 cm cubed of gas in 20 seconds. What is the mean rate of reaction?**

- A 2 cm^3/s
- B 0.5 cm^3/s
- C 1 cm^3/s
- D 1.5 cm^3/s

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4 **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 60 dm^3
- D 96 dm^3

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5 **In an experiment, 20 cubic centimetres of gas are made in 10 seconds. What is the rate of the reaction?**

- A 1 cm^3/s
- B 2 cm^3/s
- C 200 cm^3/s
- D 4 cm^3/s

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ANSWER KEY

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

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