ENGLAND GCSE CHEMISTRY OCR GATEWAY HIGHER · UNIT 5 · 5 QUESTIONS

Monitoring and Controlling Chemical Reactions — 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 wristwatch is used to time a race. What is speed calculated from?**

- **A** time only, not distance
- **B** distance only, not time
- **C** mass and time together
- **D** distance and time

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2 **Why does a catalyst not change the yield of a reaction?**

A it slows the forward reaction down a lot

B it speeds up both directions equally

C it changes the equilibrium position

D it is used up in the reaction

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3 **A chocolate cake is baked. Is baking a chemical change?**

A no

B sometimes

C never

D yes

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4 **A reaction produces 60 cm cubed of gas in 20 seconds. What is the mean rate of reaction?**

- A 6 cm^3/s
- B 3 cm^3/s
- C 3.5 cm^3/s
- D 2.5 cm^3/s

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5 **A sandwich provides energy. Which process releases energy from food in cells?**

- A fermentation
- B digestion
- C photosynthesis
- D respiration

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ANSWER KEY

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

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