ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · UNIT 11 · 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** distance and time
- **D** mass and time together

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2 **A reaction should make 200 g of product but only makes 160 g. What is the percentage yield?**

- A 70%
- B 80%
- C 160%
- D 90%

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3 **A solution has a concentration of 1 mol per cubic decimetre. How many moles are in 3 cubic decimetres of the solution?**

- A 2 mol
- B 6 mol
- C 4 mol
- D 3 mol

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4 **Why does increasing the pressure of a gas increase the rate?**

- A the temperature falls
- B particles get smaller
- C particles move more slowly in the gas
- D particles are closer together

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5 **A chocolate cake is made from flour, sugar and eggs. Which ingredient provides protein?**

- A water
- B eggs
- C flour
- D sugar

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ANSWER KEY

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

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