ENGLAND GCSE CHEMISTRY EDEXCEL HIGHER · UNIT 7 · 5 QUESTIONS

Rates of Reaction and Energy Changes — 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 thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

- A 0
- B 10
- C 100
- D 32

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2 **A reaction produces 40 cm cubed of gas in 20 seconds. What is the mean rate of reaction?**

- A 4 cm^3/s
- B 2 cm^3/s
- C 2.5 cm^3/s
- D 1.5 cm^3/s

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3 **In a reaction, the energy needed to break bonds is 800 kJ and the energy released making bonds is 1400 kJ. What is the overall energy change?**

- A -800 kJ
- B -600 kJ
- C 1400 kJ
- D 600 kJ

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4 **In the combustion of methane, the energy needed to break the bonds is 800 kJ and the energy released when new bonds form is 1000 kJ. What is the overall energy change?**

- A 200 kJ
- B -200 kJ
- C -800 kJ
- D 1000 kJ

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

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

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ANSWER KEY

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

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