ENGLAND GCSE COMBINED SCIENCE AQA SYNERGY HIGHER · UNIT 4 · 5 QUESTIONS

Explaining 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 castle built of limestone is damaged by acid rain. Which gas causes acid rain?**

- A oxygen
- B nitrogen
- C sulfur dioxide
- D carbon dioxide

Understand It with Pulse | Flag a mistake

2 **What happens to the temperature during an endothermic reaction?**

- A it stays the same
- B it rises then falls
- C it falls
- D it rises

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3 **Rabbits in a population show different fur colours. What is this called?**

A mutation

B evolution

C selection

D variation

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4 **In a reaction, the energy needed to break bonds is 1000 kJ and the energy released making bonds is 1600 kJ. What is the overall energy change?**

A -1000 kJ

B 1600 kJ

C 600 kJ

D -600 kJ

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5 **What happens to equilibrium if the temperature rises?**

A the reaction stops

B it moves to give out heat

C it moves to take in heat

D it stays in the same place

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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