ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 12 · 5 QUESTIONS

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 sandwich contains bread and cheese. Where does digestion begin?**

- A in the mouth
- B in the stomach
- C in the large intestine
- D in the small intestine

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2 **A thermometer is placed in hot water. What happens to the liquid inside the thermometer?**

- A it evaporates
- B it contracts
- C it freezes
- D it expands

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3

A cup of coffee cools down. Energy is transferred to the surroundings. What type of change is this?

A a neutralisation

B a chemical change

C a reversible reaction

D an energy transfer

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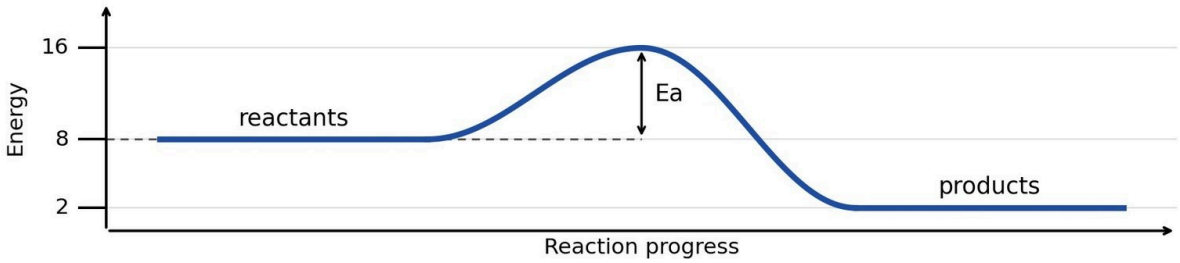
4 **The diagram shows the energy profile for a reaction. The reactants are at energy 8, the peak is at 16 and the products are at 2. What is the activation energy?**



A 6

B 8

C 14

D 24

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5

A chocolate cake rises in the oven. What makes it rise?

A the egg evaporates

B the flour melts

C the sugar freezes

D a gas is made

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ANSWER KEY

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

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