ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 1 · 5 QUESTIONS

Air and Water — 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 swimming pool is heated. What happens to the water particles?**

- A they get smaller
- B they stop moving
- C they move faster
- D they disappear

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2 **How did the oceans form?**

- A rivers filled the low land
- B water vapour condensed and fell as rain
- C ice melted at the poles long ago over time
- D the Earth cooled and cracked open

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3 **What is happening to sea levels?**

A they rise and fall equally

B they stay the same

C they are falling

D they are rising

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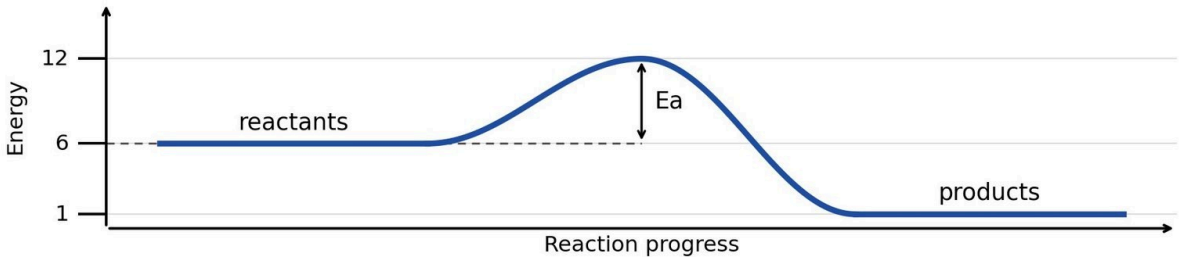
4 **The diagram shows the energy profile for a reaction. The reactants are at energy 6, the peak is at 12 and the products are at 1. What is the activation energy?**



A 5

B 11

C 6

D 18

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5

A sunflower grows taller over the summer. Where does most of the extra mass come from?

A sunlight captured by the leaves

B carbon dioxide from the air

C water absorbed from the soil

D minerals absorbed from the soil

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ANSWER KEY

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

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