ENGLAND GCSE CHEMISTRY AQA FOUNDATION · UNIT 5 · 5 QUESTIONS

Energy Changes — Practice Test

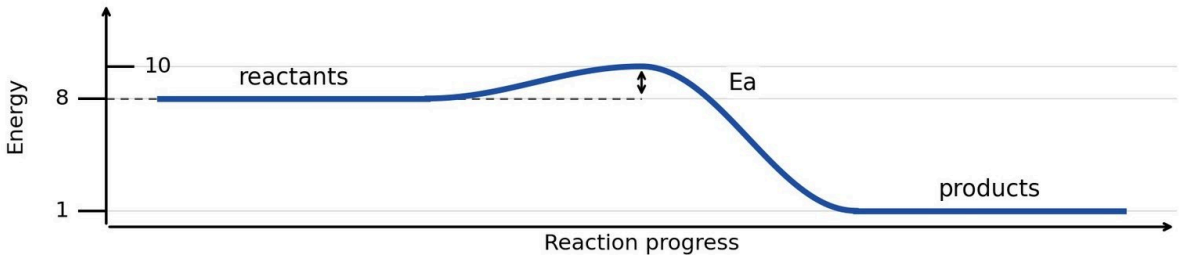
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1 **A cup of coffee is hot. How is energy transferred to the air?**

- **A** by radiation only, from the surface
- **B** by conduction and convection
- **C** by condensation on the cold cup
- **D** by evaporation only, from the top

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2 **The diagram shows the energy profile for a reaction. The reactants are at energy 8 and the products are at 1. Is the reaction exothermic or endothermic?**



A endothermic, energy is taken in

B endothermic, energy is given out

C exothermic, energy is given out

D exothermic, energy is taken in

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3 **An ice cream cone melts. What is the melting point of the ice cream?**

A around 100 degrees Celsius

B around 0 degrees Celsius

C around minus 20 degrees Celsius

D around 37 degrees Celsius

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4 **Which pair of metals gives the biggest voltage in a cell?**

A copper and zinc in the same cell

B magnesium and copper

C iron and copper in the same cell

D zinc and iron in the same cell

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5 **What do hydrogen fuel cells make?**

A electricity and carbon dioxide

B electricity and water

C electricity and oxygen

D heat and carbon dioxide

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ANSWER KEY

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

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