ENGLAND GCSE CHEMISTRY AQA HIGHER · UNIT 10 · 10 QUESTIONS

Using Resources — 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 chocolate cake rises in the oven. What makes it rise?**

- A the flour melts
- B the sugar freezes
- C a gas is made
- D the egg evaporates

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2 **Fishing boats catch fish. What trophic level are the fish?**

- A decomposers
- B plants
- C producers
- D consumers

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3 **A town sends 100 tonnes of waste to landfill per week. How much waste is that in one year?**

- A 5200 tonnes
- B 5100 tonnes
- C 5300 tonnes
- D 10400 tonnes

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4 **A cheese pizza is cooked in an oven. How is energy transferred in the oven?**

- A by radiation and convection
- B by condensation on the oven walls
- C by conduction only, through the tray
- D by evaporation from the cheese

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5 **Why is stainless steel used for cutlery?**

A it is magnetic and light

B it is very cheap to make

C it does not rust

D it is very soft to shape

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6 **How are metals extracted?**

A by distillation

B by filtration

C by oxidation

D by reduction

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7 **How is salt removed from sea water?**

A by filtration

B by chlorination

C by sedimentation

D by distillation

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8 **A river is polluted by fertiliser. What grows too fast in the water?**

A trees

B reeds

C fish

D algae

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9 **Why might two life cycle assessments of the same product disagree?**

- A they take different amounts of time to finish
- B they measure different products
- C one of them is always wrong
- D they use different data and choices

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10 **An alloy is 50 percent copper. How much copper is in 200 kg of the alloy?**

- A 125 kg
- B 75 kg
- C 100 kg
- D 200 kg

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ANSWER KEY

1. C
2. D
3. A
4. A
5. C
6. D
7. D
8. D
9. D
10. C

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