ENGLAND GCSE CHEMISTRY AQA FOUNDATION · UNIT 7 · 10 QUESTIONS

Organic Chemistry — 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 **Fishing boats catch fish. What trophic level are the fish?**

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

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

- A an energy transfer
- B a chemical change
- C a neutralisation
- D a reversible reaction

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

- A reeds
- B fish
- C trees
- D algae

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4 **An alkane has 5 carbon atoms. How many hydrogen atoms does one molecule have?**

- A 8
- B 10
- C 14
- D 12

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5 **A sailing ship floats. What force pushes it up?**

- A upthrust
- B gravity
- C air resistance
- D friction

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6 **An alkane with 14 carbon atoms is cracked. One product is an alkene with 2 carbon atoms. How many carbon atoms does the other product have?**

- A 12
- B 13
- C 14
- D 11

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7 **Which fraction is used for road surfaces?**

A kerosene

B naphtha

C petrol

D bitumen

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8 **What is ethanol used for?**

A as a fertiliser for crops

B as a fuel and a solvent

C as a bleach for cleaning

D as a food preservative only

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9 **What happens when ethene reacts with hydrogen?**

A it makes a polymer at once

B it makes ethane

C it makes carbon dioxide

D it makes ethanol and water

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10 **What is made when ethanoic acid reacts with a metal?**

A a salt and water only

B water and carbon dioxide

C a salt and hydrogen

D a salt and oxygen gas

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ANSWER KEY

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

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