ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 16 · 10 QUESTIONS

Fuels and Earth Science — 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 castle built of limestone is damaged by acid rain. Which gas causes acid rain?**

- A carbon dioxide
- B sulfur dioxide
- C nitrogen
- D oxygen

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2 **A river provides drinking water. Why must the water be treated before drinking?**

- A to make it taste better for drinking
- B to remove harmful substances
- C to heat it up for use
- D to add minerals for health

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

A producers

B plants

C decomposers

D consumers

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4 **How do humans increase carbon dioxide?**

A by using solar power to make electricity

B by recycling waste

C by planting trees

D by burning fossil fuels

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5 **An alkane with 14 carbon atoms is cracked. One product is an alkene with 3 carbon atoms. How many carbon atoms does the other product have?**

- A 11
- B 13
- C 12
- D 10

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6 **A thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

- A 100
- B 10
- C 32
- D 0

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7 **What is the test for an alkene?**

- A limewater turns cloudy with gas
- B universal indicator turns red in acid
- C a lighted splint pops loudly
- D bromine water turns colourless

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8 **Which alkane has the lowest boiling point?**

- A propane
- B ethane
- C butane
- D methane

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9 **A sailing ship crosses the sea. What is the sea mostly made of?**

- A oil
- B fresh water
- C salt water
- D sand

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10 **Why are biodegradable polymers useful?**

- A they are much stronger than others
- B they do not pile up as waste
- C they are cheaper to make always
- D they conduct electricity better

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ANSWER KEY

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

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