ENGLAND GCSE CHEMISTRY OCR GATEWAY FOUNDATION · UNIT 6 · 10 QUESTIONS

Global Challenges — 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 sulfur dioxide
- B oxygen
- C carbon dioxide
- D nitrogen

Understand It with Pulse | Flag a mistake

2 **Fishing boats use diesel. What is diesel made from?**

- A water, from the sea
- B coal, mined from the ground
- C wood, cut from trees
- D crude oil

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3 **What is one piece of evidence for climate change?**

- A the Moon is getting closer
- B global temperatures are rising
- C volcanoes are erupting more
- D the Sun is getting brighter each year

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4 **Glass is recycled at 50 percent. How much of 400 tonnes of glass is recycled?**

- A 400 tonnes
- B 225 tonnes
- C 175 tonnes
- D 200 tonnes

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5 **Nitrogen is 78 percent of the air. How much nitrogen is there in 1000 litres of air?**

- A 780 L
- B 1560 L
- C 770 L
- D 790 L

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6 **What is the formula of propane?**

- A C_2H_6
- B C_3H_8
- C C_3H_6
- D C_4H_{10}

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7 **What do catalytic converters change nitrogen oxides into?**

A ammonia and water

B nitrogen and oxygen

C carbon dioxide and water

D sulfur dioxide

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8 **A forest absorbs carbon dioxide. Which process does this?**

A combustion of the wood

B decomposition in the soil

C respiration in the trees

D photosynthesis

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

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

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10 **What damages the ozone layer?**

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

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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