ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY FOUNDATION · UNIT 16 · 10 QUESTIONS

Chemistry of the Atmosphere — 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 river flows to the sea. What is this part of?**

- A the nitrogen cycle
- B the carbon cycle
- C the water cycle
- D the rock cycle

Understand It with Pulse | Flag a mistake

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

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

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3 **A castle is built of limestone. What is limestone made of?**

- A calcium sulfate, found in plaster
- B magnesium oxide, a white powder
- C calcium carbonate
- D sodium chloride, common salt

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4 **A forest provides a habitat. What does habitat mean?**

- A where an organism lives
- B what an organism eats
- C how an organism breeds
- D when an organism sleeps

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5 **How has the atmosphere changed?**

- A nitrogen has increased over time
- B argon has increased over time
- C carbon dioxide has increased
- D oxygen has increased over time

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6 **Carbon dioxide levels rose from 320 ppm to 420 ppm. What is the increase?**

- A 100 ppm
- B 80 ppm
- C 120 ppm
- D 140 ppm

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7 **Which gas causes acid rain?**

A nitrogen

B carbon dioxide

C sulfur dioxide

D oxygen

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8 **What damages the ozone layer?**

A nitrogen

B CFCs

C oxygen

D carbon dioxide

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9 **Oxygen is 21 percent of the air. How much oxygen is there in 100 litres of air?**

- A 42 L
- B 31 L
- C 11 L
- D 21 L

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10 **About what percentage of the air is oxygen?**

- A 0.04%
- B 1%
- C 21%
- D 78%

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ANSWER KEY

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

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