ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 7 · 10 QUESTIONS

Air and Water — 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

An ice cream cone melts in the Sun. What is happening to the particles in the ice cream?

A they gain energy and move more

B they lose energy and slow down a lot

C they get smaller

D they stop moving

Understand It with Pulse

Flag a mistake

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

A to add minerals for health

B to make it taste better for drinking

C to heat it up for use

D to remove harmful substances

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3 **What is the ozone layer?**

A a layer that absorbs visible light

B a layer that absorbs ultraviolet

C a layer that absorbs infrared

D a layer that absorbs sound

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4 **What is the first step in treating water?**

A chlorination

B adding fluoride

C boiling

D filtration

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5 **Nitrogen is 78 percent of the air. How much nitrogen is there in 100 litres of air?**

A 68 L

B 88 L

C 156 L

D 78 L

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6 **Why did the amount of carbon dioxide in the air fall?**

A it escaped into space

B it was burned by volcanoes

C it dissolved in the oceans

D it turned into oxygen

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7 **A sunflower turns its head to follow the Sun. What is this a response to?**

A gravity

B water

C light

D touch

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8 **Which gases are greenhouse gases?**

A nitrogen and argon

B oxygen and nitrogen in the air

C carbon dioxide and methane

D oxygen and water vapour only

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9 **A swimming pool is heated. What happens to the water particles?**

A they stop moving

B they get smaller

C they disappear

D they move faster

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

A by sedimentation

B by distillation

C by chlorination

D by filtration

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ANSWER KEY

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

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