ENGLAND GCSE CHEMISTRY OCR GATEWAY HIGHER · 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 cup of coffee is left for an hour. What happens to its temperature?**

- A it rises above room temperature
- B it falls to zero degrees
- C it stays the same all day
- D it falls to room temperature

Understand It with Pulse | Flag a mistake

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

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

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3 **How is ammonia made for fertilisers?**

A by the Haber process

B by filtering river water

C by distilling crude oil

D by burning natural gas

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4 **What is the carbon cycle?**

A the movement of oxygen between plants and animals

B the movement of carbon between living things and the air

C the movement of water between the sea, the air, the land and living things

D the movement of nitrogen between the soil and the air

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5 **When did oxygen start to build up in the atmosphere?**

A when humans appeared

B when plants evolved

C when the oceans formed

D when volcanoes erupted

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6 **About what percentage of the air is nitrogen?**

A 21%

B 78%

C 0.04%

D 1%

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7 **Carbon dioxide levels rose from 280 ppm to 400 ppm. What is the increase?**

A 120 ppm

B 100 ppm

C 160 ppm

D 140 ppm

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8 **What is the main metal in steel?**

A chromium

B iron

C nickel

D carbon

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9 **A cheese pizza provides energy. Which nutrient provides most energy?**

A vitamins

B fat

C fibre

D protein

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10 **What is the general formula of the alkanes?**

A CnH_2n-_2

B CnH_2n

C CnH_2n+_2

D CnH_2n+_1

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ANSWER KEY

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

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