ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · 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 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 remove harmful substances
- D to heat it up for use

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

- A decomposers
- B producers
- C consumers
- D plants

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3 **How does sulfur dioxide harm the environment?**

A it poisons the oceans at once

B it causes acid rain

C it warms the Earth directly

D it damages the ozone layer

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4 **What happens to the boiling point of alkanes as the molecules get bigger?**

A it increases

B it stays the same

C it falls to zero

D it decreases

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5 **What is the monomer of poly(propene)?**

A ethene

B butene

C propene

D propane

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6 **A forest is cut down. What happens to the carbon stored in the trees?**

A it is stored forever

B it turns to oxygen

C it is released

D it disappears

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7 **A chocolate cake is baked. Is baking a chemical change?**

- A never
- B sometimes
- C yes
- D no

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8 **What is the general formula of the alkenes?**

- A CnH_2n
- B CnHn
- C CnH_2n+_2
- D CnH_2n-_2

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9 **A sailing ship uses the wind. What type of energy is wind?**

- A kinetic energy
- B thermal energy
- C chemical energy
- D potential energy

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10 **Carbon dioxide is 315 parts per million in the air. How many carbon dioxide molecules are there per million air molecules?**

- A 315
- B 3150
- C 31
- D 295

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ANSWER KEY

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

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