ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 18 · 5 QUESTIONS

Energy — 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 red race car speeds up. What happens to its kinetic energy?**

- A it increases
- B it stays the same
- C it becomes heat
- D it decreases

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2 **A 4 kg object is lifted 2 m. Use g = 10 N/kg. What is the gain in gravitational potential energy?**

- A 8 J
- B 40 J
- C 80 J
- D 160 J

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3 **Which of these is a renewable energy resource?**

A natural gas

B wind

C coal

D oil

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4 **A rocket launches straight up. Which force acts downwards on the rocket?**

A gravity

B air resistance

C thrust

D lift

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5 **Which of these is an energy store?**

A a hot drink

B a moving car

C a stretched spring

D a battery being charged

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ANSWER KEY

1. A
2. C
3. B
4. A
5. C

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