ENGLAND GCSE PHYSICS OCR TWENTY FIRST CENTURY HIGHER · UNIT 2 · 5 QUESTIONS

Sustainable 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 to let Brett know so he can fix it.

1 **A bicycle is ridden uphill. Which energy store increases?**

- A gravitational potential
- B thermal energy from friction
- C elastic potential energy
- D kinetic energy of motion

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2 **Which energy resource is reliable in any weather and produces no carbon dioxide while running?**

- A wind power, which needs wind
- B solar power, which needs sun
- C wave power, which needs waves
- D nuclear power

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

- A to add minerals for health
- B to remove harmful substances
- C to make it taste better for drinking
- D to heat it up for use

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4 **A kite flies in the wind. Which force holds the kite up?**

- A thrust
- B drag
- C weight
- D lift

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5

A device has a power of 200 W. How much energy does it transfer in 10 seconds?

A 200 J

B 20 J

C 20000 J

D 2000 J

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ANSWER KEY

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

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