ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 19 · 5 QUESTIONS

Conservation of 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 basketball is thrown up. What happens to its speed as it rises?**

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

Understand It with Pulse | Flag a mistake

2 **A red race car speeds up on a straight track. What is the resultant force doing?**

- A causing deceleration
- B causing acceleration
- C causing a turn
- D doing nothing

Understand It with Pulse | Flag a mistake

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

- A 200 J
- B 400 J
- C 40 J
- D 800 J

Understand It with Pulse | Flag a mistake

4 **A device transfers 200 J of energy in 10 seconds. What is its power?**

- A 20 W
- B 10 W
- C 2000 W
- D 40 W

Understand It with Pulse | Flag a mistake

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

A fat

B fibre

C protein

D vitamins

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.