ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 23 · 5 QUESTIONS

Energy, Forces Doing Work — 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 brakes hard. What happens to its kinetic energy?**

- A it increases
- B it is transferred to heat
- C it becomes sound only, nothing else
- D it disappears

Understand It with Pulse | Flag a mistake

2 **A force of 20 N pushes an object 5 m. Calculate the work done in J.**

- A 50
- B 200
- C 110
- D 100

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

- A fat
- B vitamins
- C fibre
- D protein

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

- A lift
- B thrust
- C gravity
- D air resistance

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5 **A mass of 4 kg is lifted 2 m. Calculate the gravitational potential energy gained in J. Use g = 10 N/kg.**

- A 160
- B 40
- C 130
- D 80

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ANSWER KEY

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

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