ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 8 · 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 to let Brett know so he can fix it.

1 **A cup of coffee cools down. Energy is transferred to the surroundings. What type of change is this?**

- A a reversible reaction
- B a chemical change
- C a neutralisation
- D an energy transfer

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2 **When a force moves an object, what happens to energy?**

- A it is destroyed completely
- B it is transferred
- C it disappears from the universe
- D it is created from nothing at all

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

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

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4 **A force of 25 N pushes an object 4 m. Calculate the work done in J.**

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

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5 **A mass of 10 kg moves at 3 m/s. Calculate its kinetic energy in J.**

- A 135
- B 45
- C 90
- D 22.5

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ANSWER KEY

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

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