ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 24 · 5 QUESTIONS

Forces and Their Effects — 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 ladder is climbed. Which energy store increases?**

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

Understand It with Pulse | Flag a mistake

2 **A wristwatch ticks every second. How many ticks in a minute?**

- A 30
- B 100
- C 12
- D 60

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3 **A force of 1000 N acts on an area of 10 square metres. Calculate the pressure in pascals.**

- A 200
- B 115
- C 100
- D 50

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4 **A force of 20 N acts 5 m from a pivot. What is the moment of the force?**

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

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5

A cardboard box is full of books. What is its mass like?

A larger than when empty

B smaller than when empty

C zero

D the same as when empty

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ANSWER KEY

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

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