ENGLAND GCSE PHYSICS EDEXCEL HIGHER · UNIT 15 · 5 QUESTIONS

Forces and Matter — 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 cardboard box is full of books. What is its mass like?**

- A zero
- B smaller than when empty
- C larger than when empty
- D the same as when empty

Understand It with Pulse | Flag a mistake

2 **Hardcover books are stacked on a table. What force pulls them down?**

- A air resistance
- B gravity
- C friction
- D tension

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3 **A spring has a spring constant of 50 N/m. It is stretched by 0.2 m. Calculate the force in N.**

- A 25
- B 10
- C 20
- D 5

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4 **A spring has a spring constant of 100 N/m. It is stretched by 4 cm. What is the elastic potential energy stored?**

- A 0.04 J
- B 0.08 J
- C 0.32 J
- D 0.16 J

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5 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

A particles flow past each other easily

B particles are far apart from each other

C particles move freely through space

D particles vibrate in fixed positions

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ANSWER KEY

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

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