ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · 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 **Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?**

- A particles are far apart from each other
- B particles vibrate in fixed positions
- C particles flow past each other easily
- D particles move freely through space

Understand It with Pulse | Flag a mistake

2 **What is elastic potential energy?**

- A energy of movement
- B energy stored in a fuel
- C stored stretch energy
- D energy of a hot object

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3 **A wristwatch measures time. What is the unit of time?**

- A the hour
- B the day
- C the minute
- D the second

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4 **A spring has a spring constant of 50 N/m. It is stretched by 10 cm. What is the force?**

- A 2.5 N
- B 5 N
- C 10 N
- D 5.5 N

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5 **A spring has a spring constant of 25 N/m. It is stretched by 0.5 m. Calculate the force in N.**

A 12.5

B 6.25

C 27.5

D 25

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ANSWER KEY

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

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