ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 29 · 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 so it can be fixed.

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

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

Understand It with Pulse | Flag a mistake

2 **A cardboard box is pushed across a floor. What opposes the push?**

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

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3 **A spring has a spring constant of 20 N/m. It is stretched by 0.2 m. Calculate the force in N.**

- A 4
- B 2
- C 19
- D 8

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4 **A spring has a spring constant of 20 N/m. It is stretched by 10 cm. What is the elastic potential energy stored?**

- A 0.05 J
- B 0.1 J
- C 0.2 J
- D 0.4 J

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5

A spring with spring constant 200 N/m is stretched by 0.2 m. Calculate the elastic potential energy stored in J.

A 2

B 8

C 16

D 4

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ANSWER KEY

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

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