ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 16 · 5 QUESTIONS

Explaining Motion — 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 tennis ball is hit across a court. Which force slows the ball down in the air?**

A gravity

B air resistance

C the hit

D friction with the ground

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2 **A force of 200 N acts on an area of 4 square metres. What is the pressure?**

- A 25 Pa
- B 50 Pa
- C 800 Pa
- D 100 Pa

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3 **A force of 500 N acts on an area of 2 square metres. What is the pressure?**

- A 125 Pa
- B 250 Pa
- C 500 Pa
- D 255 Pa

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4 **Which of these increases the braking distance?**

- A new tyres
- B good brakes
- C a dry road
- D a wet road

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5 **A basketball bounces. What type of energy is stored when the ball squashes?**

- A thermal
- B kinetic
- C elastic potential
- D gravitational potential

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ANSWER KEY

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

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