ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · 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 **Hardcover books are stacked on a table. What force pulls them down?**

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

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2 **A force of 50 N acts 4 m from a pivot. Calculate the moment in Nm.**

- A 100
- B 200
- C 400
- D 215

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3 **A force of 1000 N acts on an area of 2 square metres. Calculate the pressure in pascals.**

- A 1000
- B 500
- C 250
- D 515

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4 **A cardboard box sits on a floor. What is the force between the box and the floor?**

- A the upthrust from the floor
- B the friction between the surfaces
- C the air pressure all around it
- D the weight of the box

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5

A Ferris wheel turns slowly. A person on the wheel moves in a circle. What is the person's speed like?

A decreasing speed

B increasing speed

C steady speed

D zero speed

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ANSWER KEY

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

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