ENGLAND GCSE PHYSICS OCR GATEWAY HIGHER · UNIT 2 · 5 QUESTIONS

Forces — 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 passenger aeroplane takes off. Which force lifts it up?**

- A weight
- B lift
- C thrust
- D drag

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2 **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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3 **A force of 10 N acts 10 m from a pivot. What is the moment of the force?**

- A 110 Nm
- B 100 Nm
- C 200 Nm
- D 50 Nm

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4 **A force of 500 N acts on an area of 4 square metres. What is the pressure?**

- A 125 Pa
- B 250 Pa
- C 130 Pa
- D 62 Pa

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5

An object travels 100 m in 25 seconds. What is its speed?

A 4 m/s

B 8 m/s

C 2500 m/s

D 2 m/s

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ANSWER KEY

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

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