ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · UNIT 18 · 5 QUESTIONS

Global Challenges in Physics — 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 rocket launches straight up. Which force acts downwards on the rocket?**

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

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2 **A Ferris wheel turns. What force keeps a person moving in a circle?**

- A centripetal force
- B friction only, gripping the seat
- C gravity only, pulling them down
- D air resistance pushing them back

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3 **Fishing boats use diesel. What is diesel made from?**

A crude oil

B wood, cut from trees

C coal, mined from the ground

D water, from the sea

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4 **A bicycle freewheels downhill. What happens to its speed?**

A it decreases

B it becomes zero

C it increases

D it stays the same

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5

A sailing ship crosses the sea. What is the sea mostly made of?

A salt water

B oil

C sand

D fresh water

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ANSWER KEY

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

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