ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · UNIT 17 · 5 QUESTIONS

Energy — 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 lift
- B gravity
- C air resistance
- D thrust

Understand It with Pulse | Flag a mistake

2 **A cheese pizza contains cheese made from milk. What is milk rich in?**

- A vitamin C
- B iron
- C calcium
- D fibre

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3 **A 10 kg object is lifted 5 m. Use g = 10 N/kg. What is the gain in gravitational potential energy?**

- A 50 J
- B 1000 J
- C 250 J
- D 500 J

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4 **A 5 kg object moves at 4 m/s. What is its kinetic energy?**

- A 40 J
- B 80 J
- C 50 J
- D 20 J

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5

A red race car has a large rear wing. What does the wing do?

A increases grip

B reduces drag to zero

C increases speed

D reduces grip

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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