ENGLAND GCSE PHYSICS OCR GATEWAY HIGHER · UNIT 7 · 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 to let Brett know so he can fix it.

1 **A rocket is pushed up by hot gases. What is the upward force called?**

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

Understand It with Pulse | Flag a mistake

2 **A 2 kg object moves at 10 m/s. What is its kinetic energy?**

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

Understand It with Pulse | Flag a mistake

3 **A motor lifts a load and does 500 J of work in 10 seconds. What is the power?**

- A 5000 W
- B 500 W
- C 50 W
- D 5 W

Understand It with Pulse | Flag a mistake

4 **A cup of coffee cools down. Energy is transferred to the surroundings. What type of change is this?**

- A a neutralisation
- B an energy transfer
- C a reversible reaction
- D a chemical change

Understand It with Pulse | Flag a mistake

5

A bicycle freewheels downhill. What happens to its speed?

A it decreases

B it increases

C it becomes zero

D it stays the same

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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