ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY FOUNDATION · UNIT 18 · 10 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 red race car has a large rear wing. What does the wing do?**

- A increases grip
- B reduces grip
- C reduces drag to zero
- D increases speed

Understand It with Pulse | Flag a mistake

**2** **Fishing boats catch fish. What trophic level are the fish?**

- A decomposers
- B consumers
- C producers
- D plants

Understand It with Pulse | Flag a mistake

3 **What is the thinking distance?**

A the distance covered while reacting

B the total stopping distance

C the distance travelled while braking

D the distance between two cars

Understand It with Pulse | Flag a mistake

4 **What happens to momentum in a crash?**

A it doubles in size

B it is conserved

C it turns into heat only

D it disappears completely

Understand It with Pulse | Flag a mistake

5 **A sailing ship floats. What force pushes it up?**

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

Understand It with Pulse | Flag a mistake

6 **What happens to the carbon dioxide released by burning biofuel?**

- A it falls to the ground
- B new plants absorb it
- C it stays in the air for ever
- D it turns into oxygen

Understand It with Pulse | Flag a mistake

7 **Which energy resource uses heat from underground rocks?**

A hydroelectric

B wind

C solar

D geothermal

Understand It with Pulse | Flag a mistake

8 **What is a disadvantage of nuclear power?**

A it needs a river

B it stops working at night

C it makes radioactive waste

D it makes carbon dioxide

Understand It with Pulse | Flag a mistake

9 **A passenger aeroplane flies at a steady speed and height. What is the resultant force on the aeroplane?**

- A 10000 N
- B 0 N
- C 5000 N
- D 1000 N

Understand It with Pulse | Flag a mistake

10 **Which of these increases the thinking distance?**

- A good brakes
- B new tyres
- C a dry road
- D being tired

Understand It with Pulse | Flag a mistake

# ANSWER KEY

1. A
2. B
3. A
4. B
5. C
6. B
7. D
8. C
9. B
10. D

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