ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · UNIT 14 · 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 so it can be fixed.

1 **A bicycle is ridden uphill. Which energy store increases?**

- A elastic potential energy
- B kinetic energy of motion
- C gravitational potential
- D thermal energy from friction

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2 **What is the momentum of a 5 kg object moving at 3 m/s?**

- A 30 kg m/s
- B 8 kg m/s
- C 7.5 kg m/s
- D 15 kg m/s

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3 **Why does pressure in a liquid increase with depth?**

A more liquid above pushes down

B the liquid gets thicker

C the container gets smaller

D the liquid gets hotter as it gets deeper

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4 **A passenger aeroplane takes off. Which force lifts it up?**

A drag

B weight

C thrust

D lift

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5

A car leaves a roundabout. What happens to its direction?

A it reverses

B it changes

C it stays the same

D it disappears

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ANSWER KEY

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

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