ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 7 · 10 QUESTIONS

Astronomy — 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 kite flies in the wind. Which force holds the kite up?**

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

Understand It with Pulse | Flag a mistake

2 **A rocket in space has no air around it. What happens to air resistance?**

- A it becomes gravity
- B it increases
- C there is none
- D it stays the same

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3 **A basketball is thrown up. What happens to its speed as it rises?**

- A it decreases
- B it becomes zero
- C it increases
- D it stays the same

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4 **What keeps a satellite in orbit?**

- A magnetism
- B the air pushing it
- C gravity
- D its engines running all the time

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5 **Hardcover books are dropped. What happens to their speed as they fall?**

A it stays the same

B it increases

C it becomes zero

D it decreases

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

A elastic potential energy

B thermal energy from friction

C kinetic energy of motion

D gravitational potential

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7 **What shape is the orbit of a planet?**

A almost a circle

B a straight line

C a triangle

D a square

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8 **What does a red giant become when it runs out of fuel?**

A a black hole, like a massive star

B a planet, cooling in space

C a new star, born from the old one

D a white dwarf

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9

What can be left after a supernova?

A a white dwarf always, like the Sun

B a neutron star or black hole

C nothing at all

D a new planet

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10

What force pulls the gas together to form a star?

A gravity

B friction

C pressure from light

D magnetism

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ANSWER KEY

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

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