ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 23 · 10 QUESTIONS

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

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

Understand It with Pulse | Flag a mistake

2 **A set square measures angles. What is a right angle?**

- A 180 degrees
- B 360 degrees
- C 90 degrees
- D 45 degrees

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3 **A wave has a frequency of 2 Hz and a wavelength of 5 m. What is its speed?**

- A 7 m/s
- B 20 m/s
- C 5 m/s
- D 10 m/s

Understand It with Pulse | Flag a mistake

4 **A wave travels at 30 m/s with a wavelength of 2 m. What is its frequency?**

- A 60 Hz
- B 15 Hz
- C 30 Hz
- D 7.5 Hz

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5 **A Ferris wheel is at the top. What is the person's height like?**

A unchanged

B at zero

C at its smallest

D at its greatest

Understand It with Pulse | Flag a mistake

6 **A guitar string is tightened. What happens to the pitch?**

A it disappears

B it falls

C it rises

D it stays the same

Understand It with Pulse | Flag a mistake

7 **A kite flies in the wind. Which force holds the kite up?**

A weight

B drag

C lift

D thrust

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8 **A wristwatch measures time. What is the unit of time?**

A the minute

B the hour

C the second

D the day

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9 **A wave has a frequency of 4 Hz and a wavelength of 10 m. What is its speed?**

- A 20 m/s
- B 80 m/s
- C 14 m/s
- D 40 m/s

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10 **What is the wavelength of a wave?**

- A the height of the wave
- B the number of waves per second
- C the distance between two peaks
- D the time for one wave

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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