ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · UNIT 4 · 5 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 to let Brett know so he can fix it.

1 **A Ferris wheel turns slowly. A person on the wheel moves in a circle. What is the person's speed like?**

- A decreasing speed
- B steady speed
- C increasing speed
- D zero speed

Understand It with Pulse | Flag a mistake

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

- A 8 m/s
- B 2 m/s
- C 4 m/s
- D 9 m/s

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3 **A wave travels at 10 m/s with a wavelength of 5 m. What is its frequency?**

- A 2 Hz
- B 1 Hz
- C 50 Hz
- D 4 Hz

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

- A 12.5 m/s
- B 10 m/s
- C 50 m/s
- D 25 m/s

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5

A guitar string vibrates to make a sound. What type of wave is the sound wave?

A transverse

B longitudinal

C electromagnetic

D standing

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ANSWER KEY

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

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