ENGLAND GCSE COMBINED SCIENCE EDEXCEL FOUNDATION · UNIT 20 · 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 wristwatch ticks every second. How many ticks in a minute?**

- A 12
- B 30
- C 60
- D 100

Understand It with Pulse | Flag a mistake

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

- A standing
- B longitudinal
- C electromagnetic
- D transverse

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3 **A wave has a frequency of 20 Hz and a wavelength of 5 m. What is the wave speed?**

- A 105 m/s
- B 200 m/s
- C 100 m/s
- D 50 m/s

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4 **A wave has a frequency of 20 Hz and a wavelength of 5 m. What is its speed?**

- A 50 m/s
- B 25 m/s
- C 100 m/s
- D 200 m/s

Understand It with Pulse | Flag a mistake

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

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

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6 **A wave has a frequency of 2 Hz and a wavelength of 10 m. What is the wave speed?**

- A 20 m/s
- B 10 m/s
- C 40 m/s
- D 25 m/s

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

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

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

- A at zero
- B at its smallest
- C unchanged
- D at its greatest

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

- A 25 m/s
- B 50 m/s
- C 30 m/s
- D 12 m/s

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10 **What is an echo?**

- A a loud sound
- B a refracted sound wave
- C a high pitched sound
- D a reflected sound wave

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ANSWER KEY

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

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