ENGLAND GCSE PHYSICS OCR GATEWAY HIGHER · UNIT 5 · 5 QUESTIONS

# Waves in Matter — 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 guitar string vibrates to make a sound. What type of wave is the sound wave?**

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

Understand It with Pulse | Flag a mistake

**2** **Which type of radiation can cause sunburn?**

- A microwaves
- B radio waves
- C infrared
- D ultraviolet

Understand It with Pulse | Flag a mistake

3 **A wristwatch ticks every second. How many ticks in a minute?**

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

Understand It with Pulse | Flag a mistake

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

- A 6 m/s
- B 12 m/s
- C 11 m/s
- D 3 m/s

Understand It with Pulse | Flag a mistake

5 **What is the law of reflection?**

A angle of reflection is always 90 degrees

B light always reflects straight back

C angle of incidence is double the angle of reflection

D angle of incidence equals angle of reflection

Understand It with Pulse | Flag a mistake

# ANSWER KEY

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

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