ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · UNIT 16 · 5 QUESTIONS

Waves and Radioactivity — 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 set square is used to measure an angle of reflection. What is the angle of incidence equal to?**

- A the angle of reflection
- B double the angle of reflection
- C zero
- D half the angle of reflection

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2 **A sample's activity halves every 10 years. After 20 years, what fraction of the original activity remains?**

- A 1/8
- B 1/2
- C 1
- D 1/4

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

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

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4 **A calculator uses a battery. What energy is stored in the battery?**

- A kinetic energy of motion
- B light energy from the Sun
- C chemical energy
- D thermal energy from heat

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5

What are ultrasound waves?

A sound waves below human hearing

B sound above human hearing

C radio waves

D light waves

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ANSWER KEY

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

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