ENGLAND GCSE COMBINED SCIENCE EDEXCEL HIGHER · UNIT 21 · 5 QUESTIONS

Light and the Electromagnetic Spectrum — 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** 5000 N
- **B** 10000 N
- **C** 0 N
- **D** 1000 N

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2 **A Ferris wheel turns. What force keeps a person moving in a circle?**

- A air resistance pushing them back
- B gravity only, pulling them down
- C friction only, gripping the seat
- D centripetal force

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

- A the second
- B the day
- C the hour
- D the minute

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4 **What are X-rays used for?**

- A transmitting television signals
- B cooking food in a microwave oven
- C seeing bones
- D heating food in a kitchen

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5 **What happens to frequency as wavelength increases?**

- A it decreases
- B it stays the same for every wave
- C it increases as well, in step with wavelength
- D it doubles every time wavelength doubles

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ANSWER KEY

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

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