ENGLAND GCSE PHYSICS OCR GATEWAY HIGHER · UNIT 6 · 5 QUESTIONS

# 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 to let Brett know so he can fix it.

**1** **A passenger aeroplane cruises. Which force opposes its motion?**

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

Understand It with Pulse | Flag a mistake

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

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

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3 **An atom has a mass number of 16 and an atomic number of 8. How many neutrons does it have?**

- A 7
- B 10
- C 9
- D 8

Understand It with Pulse | Flag a mistake

4 **A sample has a half-life of 5 days. What percentage of the sample is left after 10 days?**

- A 75%
- B 12%
- C 25%
- D 50%

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5

**A kite rises higher. What happens to the wind speed usually?**

A it decreases

B it becomes zero

C it stays the same

D it increases

Understand It with Pulse

Flag a mistake

## ANSWER KEY

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

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