ENGLAND GCSE PHYSICS OCR TWENTY FIRST CENTURY FOUNDATION · UNIT 5 · 5 QUESTIONS

Radioactive Materials — 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 thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

- A 0
- B 32
- C 10
- D 100

Understand It with Pulse | Flag a mistake

2 **What is the difference between irradiation and contamination?**

- A there is no difference
- B irradiation means the source is inside the body
- C contamination only affects plants
- D the source is on the body

Understand It with Pulse | Flag a mistake

3 **Hardcover books are stacked on a table. What force pulls them down?**

- A air resistance
- B tension
- C friction
- D gravity

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4 **A sample has an activity of 800 counts per minute. After 3 half-lives, what is its activity?**

- A 200
- B 400
- C 50
- D 100

Understand It with Pulse | Flag a mistake

5 **Why is fusion hard to use in a power station on Earth?**

A fusion only works in space

B fusion releases no energy

C holding the hot fuel is hard

D there is no hydrogen on Earth

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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