ENGLAND GCSE PHYSICS EDEXCEL FOUNDATION · 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 **Hardcover books have mass. What is mass measured in?**

- A newtons, the unit of force
- B watts
- C kilograms
- D joules

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2 **A thermometer measures temperature in degrees Celsius. What is the freezing point of water on this scale?**

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

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3 **Silver coins conduct electricity well. Why?**

A they are shiny and reflective

B they have free electrons

C they are cold

D they are heavy

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4 **A sample has a half-life of 5 days. What percentage of the sample is left after 20 days?**

A 12%

B 94%

C 6%

D 3%

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5

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

A 200

B 100

C 50

D 400

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ANSWER KEY

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

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