ENGLAND GCSE COMBINED SCIENCE OCR TWENTY FIRST CENTURY HIGHER · UNIT 17 · 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 so it can be fixed.

1 **A thermometer shows a patient's temperature is 39 degrees Celsius. Is this above or below normal body temperature?**

A impossible to tell

B exactly normal

C above normal

D below normal

Understand It with Pulse | Flag a mistake

2 **What does background radiation come from?**

A rocks, air, space, medicine

B power stations only, nowhere else

C mobile phones only

D the Sun only

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3 **A hot air balloon rises because the air inside it is less dense than the air outside. What happens to the density of air when it is heated?**

- A it stays the same
- B it becomes zero
- C it decreases
- D it increases

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4 **An atom has a mass number of 23 and an atomic number of 11. How many neutrons does it have?**

- A 14
- B 13
- C 12
- D 11

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5

Glass marbles in a tray are used as a model for particles in a solid. What do the marbles show?

A particles are far apart from each other

B particles move freely through space

C particles flow past each other easily

D particles vibrate in fixed positions

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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