ENGLAND GCSE CHEMISTRY OCR TWENTY FIRST CENTURY HIGHER · UNIT 2 · 5 QUESTIONS

Chemical Patterns — 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 **Silver coins conduct electricity well. Why?**

- A they are heavy
- B they have free electrons
- C they are cold
- D they are shiny and reflective

Understand It with Pulse | Flag a mistake

2 **How many neutrons are in an atom of carbon-14?**

- A 20
- B 6
- C 8
- D 14

Understand It with Pulse | Flag a mistake

3 **What did the few alpha particles that bounced back show?**

A there is a small dense nucleus

B the atom is a solid ball throughout

C electrons fill the whole atom

D the nucleus is large and empty

Understand It with Pulse | Flag a mistake

4 **What is the electronic structure of magnesium (atomic number 12)?**

A 2,8,2

B 2,8,8

C 2,8,1

D 2,7,3

Understand It with Pulse | Flag a mistake

5

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

A below normal

B exactly normal

C above normal

D impossible to tell

Understand It with Pulse

Flag a mistake

ANSWER KEY

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

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