ENGLAND GCSE CHEMISTRY OCR GATEWAY HIGHER · UNIT 1 · 5 QUESTIONS

Particles — 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 **Glass marbles are shaken in a tray. What does this model?**

- A particles freezing into place
- B particles bonding together
- C particles disappearing completely
- D particles gaining energy

Understand It with Pulse | Flag a mistake

2 **How did Mendeleev arrange the elements?**

- A by colour and appearance
- B by atomic number in order
- C by the date each was found
- D by atomic mass

Understand It with Pulse | Flag a mistake

3 **An atom of calcium loses 2 electrons. What is the charge on the ion formed?**

- A 0
- B +2
- C -2
- D +1

Understand It with Pulse | Flag a mistake

4 **An atom has 6 protons and 6 neutrons. What is its mass number?**

- A 0
- B 6
- C 18
- D 12

Understand It with Pulse | Flag a mistake

5

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

A 32

B 0

C 10

D 100

Understand It with Pulse

Flag a mistake

ANSWER KEY

1. D
2. D
3. B
4. D
5. B

© 2026 Brett Robbins. All Rights Reserved.