ENGLAND GCSE COMBINED SCIENCE AQA TRILOGY HIGHER · UNIT 9 · 5 QUESTIONS

Bonding, Structure, and the Properties of Matter — 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 disappearing completely
- **B** particles freezing into place
- **C** particles gaining energy
- **D** particles bonding together

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2 **Paintbrushes are cleaned in water. Why does the paint wash off?**

- **A** the paint melts in the water
- **B** the paint dissolves
- **C** the paint burns in the water
- **D** the paint freezes in the water

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3 **What is the charge on a sodium ion?**

- **A** Na^-
- **B** Na^+
- **C** Na^{2+}
- **D** Na

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4 **A hot air balloon cools down. What happens?**

A it rises faster

B it sinks

C it bursts

D it stays still

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5 **An ice cream cone melts. What is the melting point of the ice cream?**

A around 100 degrees Celsius

B around 0 degrees Celsius

C around 37 degrees Celsius

D around minus 20 degrees Celsius

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ANSWER KEY

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

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