ENGLAND GCSE COMBINED SCIENCE OCR GATEWAY HIGHER · UNIT 13 · 5 QUESTIONS

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 **An ice cream cone is put in a freezer. What happens to the liquid?**

- A it evaporates
- B it freezes
- C it boils
- D it condenses

Understand It with Pulse | Flag a mistake

2 **A swimming pool is filled with water. What is the density of water?**

- A about 1 kilogram per cubic metre
- B about 10 kilograms per cubic metre
- C about 1000 kilograms per cubic metre
- D about 100 kilograms per cubic metre, roughly

Understand It with Pulse | Flag a mistake

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

A particles gaining energy

B particles freezing into place

C particles disappearing completely

D particles bonding together

Understand It with Pulse | Flag a mistake

4 **An object has a mass of 200 g and a volume of 10 cubic centimetres. What is its density?**

A 40 g/cm³

B 20 g/cm³

C 210 g/cm³

D 10 g/cm³

Understand It with Pulse | Flag a mistake

5 **In the specific heat capacity practical, why is insulation put around the block?**

A to keep the heater cool

B to cut heat loss

C to stop the block melting

D to make the block heavier

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.