

- 32 A scientist investigates two different substances, P and Q.

Substance P completely fills its container but can be compressed.

Substance Q is not in a container but has a definite shape.

In which state is each substance?

|   | substance P | substance Q |
|---|-------------|-------------|
| A | gas         | liquid      |
| B | gas         | solid       |
| C | liquid      | gas         |
| D | liquid      | solid       |

- 33 A liquid evaporates when molecules leave its surface.

Which molecules leave the surface, and what happens to the temperature of the remaining liquid?

- A The more energetic molecules leave and the temperature falls.
- B The more energetic molecules leave and the temperature rises.
- C The less energetic molecules leave and the temperature falls.
- D The less energetic molecules leave and the temperature rises.

- 34 How is heat transferred in solids?

- A Heated molecules become less dense and travel to colder areas.
- B Heated molecules become more dense and travel to colder areas.
- C Heated molecules vibrate more quickly and cause neighbouring molecules to vibrate more quickly.
- D Heated molecules vibrate more slowly and cause neighbouring molecules to vibrate more quickly.

# Igcse Combined Science Multiple Choice Question Paper

**Jiyuan Zhang**



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