

**AS Level Chemistry B**  
**H033/01** Foundations of chemistry

**Question Set 13**

Multiple Choice Questions

1 Which row could be correct for **solids** with the structure type named?

	Structure type	Melting point	Solubility in water	Electrical conductivity
A	ionic	high	soluble	high
B	metallic	high	insoluble	high
C	ionic	low	soluble	high
D	metallic	low	insoluble	low

Your answer

[1]

2 What is correct about a sodium chloride lattice?

- A There are attractions between ions of different charge.
- B The sodium ions are larger than the chloride ions.
- C The numbers of sodium ions and chloride ions are not equal.
- D Each sodium ion is surrounded by four chloride ions.

Your answer

[1]

3 Which statement about a lattice of sodium chloride is correct?

- A The ions are the same size.
- B The attraction between two sodium ions is greater than the repulsion between two chloride ions.
- C Each sodium ion is surrounded by six chloride ions.
- D There are more sodium ions than chloride ions.

Your answer

[1]

**Total Marks for Question Set 13: 3**

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