

- 7** Which statement explains why solid magnesium is a good conductor of electricity?
- A** Magnesium has delocalised electrons that can move through the lattice.
- B** Magnesium has strong attractions between ions.
- C** Magnesium consists of a giant lattice of anions in a 'sea' of delocalised electrons.
- D** Magnesium consists of metal ions that move through the lattice.

- 9** Which row describes the structure and bonding in cobalt?

	structure	bonding
A	giant	ionic
B	simple	ionic
C	giant	metallic
D	simple	metallic

- 8** Which row identifies the positive and the negative particles present in a giant metallic lattice?

	positive particles	negative particles
A	anions	cations
B	anions	delocalised electrons
C	cations	anions
D	cations	delocalised electrons