

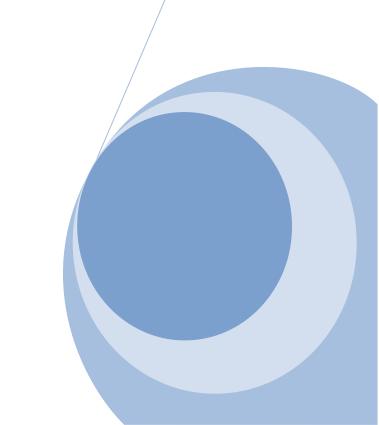
K Education Centre

GCSE Chemistry SC6 -7 Edexcel

Covalent and Metallic Bonding

Assignment Questions

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SC6 -7: Covalent and Metallic Bonding

Q1: What are covalent bonds? Give example.

Q2: Describe the bonding in a molecule of ammonia, NH₃.

Q3: What are intermolecular forces? Why small molecules have a lower melting point than large polymer molecules?

Q4: What are polymers? Give one example with detail structure of monomer attached to it.

Q5: Why Graphite can conduct electricity? Draw the part structure of graphite.

Q6: What makes diamond as perfect tool for cutting?

Q7 : Describe the property which makes the graphite a lubricant.

Q8: What is Graphene? What makes it different from graphite? How graphene is different from Fullerenes?

Q9: Why do metal conduct electricity?

Q10: Explain why Copper is malleable and can conduct electricity?

Q11: Why many metals have high melting and boiling points?

Q12 : State the conditions for ionic compounds to conduct electricity.