



KEC

K Education Centre



GCSE Chemistry SC6 -7 Edexcel

Covalent and Metallic Bonding

Assignment Questions

©KEducationCentre
Year 2022

SC6 -7: Covalent and Metallic Bonding

Q1: What are covalent bonds? Give example.

Q2: Describe the bonding in a molecule of ammonia, NH_3 .

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.