

The City School

Boys Campus North Nazimabad



CLASS-9 CHEMISTRY

CLASS WORK

Q.1 Draw molecular structure of given ionic compounds showing the formation of ionic bonds:

Aluminum Oxide, sodium Chloride, Magnesium oxide, Iron Chloride, lithium bromide.

Q.2. Discuss the properties of ionic compounds:

Q.3. Draw molecular structure of given covalent compounds showing the formation of covalent bonds:

Water, methane, ethane, ammonia, phosphorous chloride

Q.4. Lab activities(1&2) report(10 marks)

Lab activity #1: reaction of sodium metal with water

Apparatus and Chemicals:

S.No	Observation	Inference
1		
2		

Conclusion: _____

Lab Activity #2: Displacement reactions:

Apparatus and Chemicals:

S.No	Observation	Inference
1		
2		
3		
4		

Conclusion: _____

HOME WORK

Q.1. define molecule of element and molecule of compound and draw 2 molecules of element and 2 molecules of compounds showing the formation of covalent bonds.

Q.2. Compare the giant molecules of Graphite and Diamond.