**The City School**

**North Nazimabad Boys Campus**

**Worksheet#1**

**Chemistry class 9**

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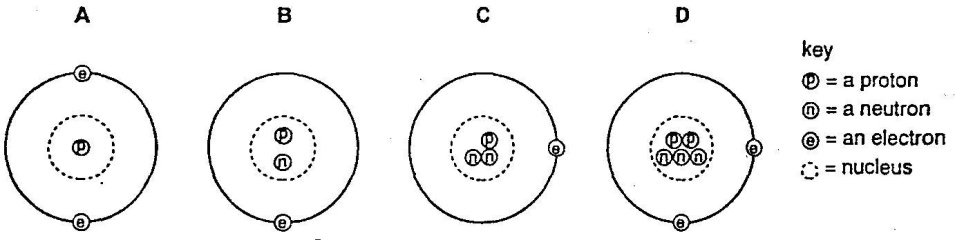
Q.1 (a) Define the following terms:

1. Kinetic Energy
2. Relative molecular mass
3. Electron negativity
4. Ionizing Energy

(b).calculate the Relative molecular masses of the given compounds:

1. A compound XCl having molecular mass (Mr) of 58.5.Find out Mr of XCO3.
2. A compound X2O having molecular mass (Mr) of 62 Find out Mr of X2SO4
3. A compound XCl2 having molecular mass (Mr) of 111.Find out Mr of X(NO3)2

Q.3.Look at following diagrams and answers the questions given below:

[](http://2.bp.blogspot.com/-E61SWW8gi9c/UZ8EmByoW3I/AAAAAAAABUY/A9UaPGwU_xA/s1600/w986.jpg)

1. Which atom has a mass of 5?
2. Which atoms are isotopes of each other?
3. What is the charge on above atoms?
4. Explain your answer of part c.