

Chemistry
Class-9
Chapter-6
Concept of Mole and Chemical counting
Subject teacher- Syeeda Sultana
Work sheet -1
Date-09.08.2020

Exercise:

Write down the answers of the following questions on your copy.

Questions:

1. What is mole?
2. What is Avogadro number?
3. Determine the molecular mass of Na_2SO_4 ?
4. What is the relative molecular mass of glucose?
5. What is the mass of 1 H_2O molecule?
6. What is the mass of 5 water molecules?
7. How many H_2SO_4 molecules are there in 1g H_2SO_4 ?
8. Calculate the mole of H_2O present in 5g H_2O .
9. Determine the number of H,S and O atoms in 1g H_2SO_4 .
10. What is the total number of atoms present in 1 gram of methane (CH_4)?
11. What is the mass of 3.01×10^{23} atoms of carbon?