Atoms and molecules

Unit-7

Class : X Revision worksheet –III

Choose the correct answer

1. The sum of number of neutrons and protons of an atom is called as
   a. Atomic number
   b. Mass number
   c. Valency

2. _____ has no considerable mass.
   a. Protons
   b. Neutrons
   c. Electrons

3. Relative atomic mass of an element is the ratio between the average mass of its isotopes to $1/12^{th}$ part of the mass of a_____ atom.
   a. Hydrogen
   b. Carbon
   c. Chlorine

4. The relative atomic mass of Magnesium element is
   a. 12
   b. 23
   c. 24

5. ----------element is the most abundant in Earth's crust and in human body.
   a. Hydrogen
   b. Oxygen
   c. Nitrogen

6. O_3 is an example of ----------atomic molecule.
   a. Mono
   b. Di
   c. Tri

7. Number of atoms in H_2SO_4 is
   a. 2
   b. 4
   c. 7

8. Relative molecular mass of H_2O is
   a. 2
   b. 16
   c. 18

9. Avogadro number is
   a. 6.203×10^{23}
   b. 6.023×10^{23}
   c. 6.023×10^{32}

10. Example of polyatomic molecule is
   a. $C_6H_{12}O_6$
   b. H_2
   c. CH_4