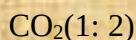


Chapter 3

ATOMS AND MOLECULES

Postulates of Dalton's atomic theory:

- i) Matter is made up of very tiny particles called “atoms”.
- ii) Atoms of given element are identical in mass and chemical properties.
- iii) Atoms of different elements have different masses and chemical properties.
- iv) Atoms combine in small whole number ratio to form compounds.



- v) Atom is the smallest particle of matter, which is further indivisible and can directly take part in a chemical reaction.

