

## Chapter- 4

## ATOMIC STRUCTURE

## WORKSHEET

## SECTION-A

1. Which of the following atoms has only electrons and protons :  
a) Nitrogen      b) Sulphur    c) Hydrogen d) Neon
2. The atomic no and mass no of 'P' is :  
a) 15,31      b) 4,8      c) 7, 14      d) 11,21
4. The molecular formula of Copper Sulphide is \_\_\_\_\_.
5. Determine the no of electrons, protons and neutrons in 'Ar' ?
6. An element Z with zero valency is a ..... [metal/noble gas/non-metal.

## SECTION-B

1. Give difference between isotopes and isobars showing one example from each.
2. Mention three limitations of Dalton's Atomic Theory with clear explanation.
3. Mention three observations and three conclusions of Rutherford's Atomic Model.
4. Determine the Valence electrons, Valency, Atomicity, write the EI configuration, Formula of oxide of 'S'.
5. Determine the charge, mass of all electrons, protons and Nucleus mass of a H-atom.

List I

List II

