

Title: Atomic Structure

Class: 11

Subject: Chemistry

1. Introduction:

Atomic structure deals with the composition and structure of atoms.

2. Discovery of Subatomic Particles:

- Electron: Discovered by J.J. Thomson
- Proton: Discovered by Goldstein
- Neutron: Discovered by Chadwick

3. Bohr's Model of Atom:

Electrons revolve around the nucleus in fixed orbits with quantized energy.

4. Quantum Numbers:

Defines energy levels and position of electrons.

5. Electronic Configuration:

Represents how electrons are distributed in orbitals.

6. Practice Questions:

Q1. State Bohr's postulates.

Q2. What are quantum numbers? Explain with examples.