**CLASS- 11 CHAPTER-2**

**CHAPTER – STRUCTURE OF ATOMS**

1. Describe Thomson’s Cathode Ray Tube Experiment .
2. Explain Photoelectric Effect and Dual Behaviour of electron.
3. Write short notes on Line Spectrum of Hydrogen.
4. What is meant by Quantum Number? Discuss all the types of it and their importance.
5. Explain Pauli’s Exclusion Principle, Hund’s Rule of Maximum Multiplicity and Aufbau Principle.
6. Write the electronic configurations of the elements from atomic number 1 to 30.
7. Solve all the numerical problems (intext and exercise) from the chapter Structure of Atoms of the textbook.
8. Explain Rutherford’s Scattering Experiment. Write its drawbacks.
9. Write the points of Bohr’s model of atom and its drawbacks.
10. What is meant by the negative electronic energy for Hydrogen atom?
11. Explain Heisenberg’s Uncertainty Principle and its significance.
12. Discuss Quantum Mechanical Model of atom.