

**SHIVAJI COLLEGE, UNIVERSITY OF DELHI**  
**DEPARTMENT OF CHEMISTRY**  
**INTERNAL ASSIGNMENT/PROJECTS/PRESENTATIONS**  
**(Academic Year 2023-24)**

**Name of the Course:** B.Sc. (H) Chemistry      **Semester:** I

**Name of the Paper:** Atomic Structure and Chemical Bonding (UPC 2172011101)

**Maximum Marks:** 12

**Faculty Name:** Dr. Sunil Yadav

**Last Date of Submission:** 08.12.2023

1. What is formal charge? Discuss in details (3)
2. Discuss the covalent character in ionic compounds. (3)
3. What is radius ratio rule? Discuss its limitations. (3)
4. What is resonance? Discuss by taking suitable example. (3)

