

Chemistry

Volume 1 (5Marks)

1. Explain briefly the time independent schrödinger wave equation (pg. No. 43)
2. State and explain Paulis exclusion principle and Aufbau principle (Pg. 52)
3. Discuss the shapes of atomic orbitals (pg. 46)
4. Explain the pauling method for the determination of ionic radius (pg. 83).
5. Derive the values of critical constants in terms of vanderwaals constants (pg. 174)