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Text Book of Coordination Chemistry

By R.K. Sharma

Discovery Publishing House Pvt. Ltd., 2011. Hardcover. Book Condition: New. This book has been designed to cover the syllabus of Inorganic Chemistry required for the B.Sc./B.Sc. Hons./M.Sc. students of the Indian Universities. I have compelled all the questions asked so far in different universities as well as C.C.S. University Meerut. I have arranged the subject matter in a continuous manner. Special emphasis has been laid on fundamental concept of the topics. Care has been taken to make the treatment of the subject simple and accessible to the average students. The gradation of the solved and unsolved questions has been facilitated from simple to difficult. It is believed that the book in the present form will be found to be useful by the Student community and the Teaching fraternity alike. Contents, Preface I. BASIC CONCEPT OF COORDINATION Chemistry : Introduction, Coordination Compounds with Mono-dentate Ligands, Coordination Chemistry Concept. Ligands, Classification of Ligands, Classification of Compounds Compounds, Mono-nuclear Coordination Compounds with Monodentate Ligands-IUPAC Rules for Writing Formulae. Polydentate Ligands : Flexidentate Character, Werner`s Theory of Coordination Compounds and Effective Atomic Number (EAN) Rule, Electronic Interpretation of Coordination, Pauling`s Theory, Electroneutrality Principle, Crystal Field Theory, Applications of Co-ordination Compounds, Comparison of Valence Bond...



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