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| 02 |  | Chapter- 2 **Introduction to Coordination Chemistry**  Lecture No.1 | Introduction, Double salt and coordination chemistry, Comparison between double salt and complex salt. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/Mzc0MjU5NDQ0MTMy/details> |
|  |  | Lecture No.2 | Characteristics of metal chelate, Difference between metal complex and metal chelate, Central atom, Central ion, Ligands. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/MjI2NDA1ODY3NjQw/details> |
|  |  | Lecture No.3 | Inert & labile complexes, Eqm constant for formation of complex, Types of formation constant. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/MjI2NDA2ODQwMjg3/details> |
|  |  | Lecture No.4 | Factors affecting the stability of complex ion, Nomenclature coordination complexes, Application of Coordination compounds. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/Mzc0MjU5Mzc0MTc3/details> |
|  |  | Lecture No.5 | Werner’s formation of coordination compounds, Designation & formation of Cobalt (III) amine on the basis of Werner’s theory, Assignments of groups to first coordination sphere. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/Mzc0MjYxODQ5ODQ3/details> |
|  |  | Lecture No.6 | Sidwick concept of effective atomic number, Merits of EAN concepts, Drawback of Sidwick model, Example of EAN rule. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/MzcxNjgzNzIyNDY5/details> |
|  |  | Lecture No.7 | Calculation of oxidation state of central metal ions, Metal- ligand ratio with examples. | <https://classroom.google.com/c/MTU4ODQ3MzY1NTg2/m/MjI2NDA2MTc0MTE1/details> |