



Undergraduate Chemistry, Vol. II

By S.C. Datta

Ane Books Pvt. Ltd, 2015. Softcover. Book Condition: New. It is a complete book for the second semester of undergraduate class of any university, in particular Delhi University, that includes theory and practicals. The book contains chapters on physical chemistry, including thermodynamics, thermochemistry, chemical equilibrium and ionic equilibrium. It also contains units in organic chemistry, namely, functional groups containing halogen and oxygen. Halogen compounds involve study of aliphatic halides, aryl halides and haloarenes. Oxygen functional groups include alcoholic-OH, phenolic-OH, ethers, aldehydes and ketones. A detailed study of chemical reactions and mechanism of important reactions has been included. It includes summary of reactions in each category of functional groups in a flow sheet form. Last two chapters give details of experiments in physical and organic chemistry. Contents 1. Thermodynamics-I, 2. Thermochemistry, 3. Thermodynamics-II, 4. Chemical Equilibrium, 5. Ionic Equilibrium, 6. Aromatic Hydrocarbons, 7. Alkyl and Aryl Halides, 8. Alcohol, phenols and Ethers, 9. Aldehydes and Ketones (Aliphatic and Aromatic), 10. Physical Chemistry Practical Units, 11. Organic Chemistry Practicals Printed Pages: 394.



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