

❖ Problems

- Q 1. Discuss the thermodynamic stability of a complex and correlate stepwise constant with overall stability constant.
- Q 2. How chelation and nature of donor atom affect the stability of metal complexes.
- Q 3. Discuss the determination of formation constant by pH-metry.
- Q 4. What is $\log \beta$? How is it related to the stability of complexes?
- Q 5. Illustrate with suitable example the trends in stepwise formation constant.
- Q 6. Discuss a spectrophotometric method for the determination of stability constants of complexes.
- Q 7. How does the nature of the central metal ion affect the stability of the complexes?

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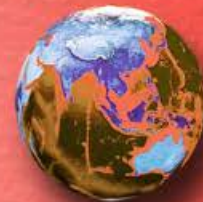
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Volume I

MANDEEP DALAL



First Edition

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