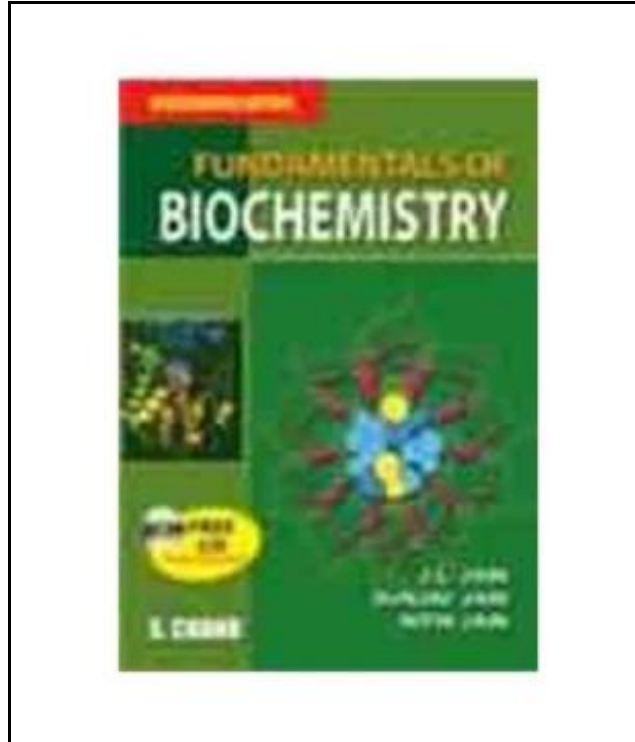


## Fundamentals of Biochemistry (M.E.), Revised Edition



Filesize: 4.18 MB

### ***Reviews***

*This book is really gripping and intriguing. it was writtern very perfectly and beneficial. I am easily will get a enjoyment of looking at a created ebook.*

***(Jaeden Stiedemann Sr.)***

## FUNDAMENTALS OF BIOCHEMISTRY (M.E.), REVISED EDITION



To read **Fundamentals of Biochemistry (M.E.), Revised Edition** eBook, you should click the web link below and save the document or have accessibility to additional information which might be relevant to FUNDAMENTALS OF BIOCHEMISTRY (M.E.), REVISED EDITION ebook.

S. Chand & Company Ltd, 2014. Softcover. Book Condition: New. 5th or later edition. CONTENTS: Part A : PREFATORY : I. Introduction : 1. Definition 2. Historical Resume 3. Biochemistry as Molecular Logic of Living Organisms 4. Nature 5. Axioms of Living Matter 6. Major Organic Compounds of Animate Objects 7. The Scientific Method of Approach 8. Importance 9. Literature II. Water : The Solvent of Life : 1. General Considerations 2. Physical Properties of Water 3. Structure of Water Molecule 4. Weak Interactions in Aqueous Solutions : i. Hydrogen Bonding between Water Molecules ii. Hydrogen Bonding between Water and Solute Molecules iii. Interaction between Water and Charged Solutes iv. Interaction between Water and Nonpolar Gases v. Interaction between Water and Nonpolar Compounds vi. Van der Waals Interactions 5. Role of Noncovalent Interactions 6. Role of Water in Life III. pH and Buffers : 1. Ionization of Water, Weak Acids and Weak Bases 2. The pH Scale 3. Bronsted-Lowry Concept of Acids and Bases : i. Strong and Weak Acids ii. Ionization of Weak Acids iii. Titration of a Weak Acid by a Strong Base 3. Buffers : i. Henderson-Hasselbalch Equation 4. Biological Buffer Systems : i. The Phosphate Buffer System ii. The Bicarbonate Buffer System iii. The Protein Buffer Systems iv. The Amino Acid Buffer Systems v. The Hemoglobin Buffer Systems IV. The Atom and Chemical Bonds : 1. Elementary Composition of Living Matter 2. Structure of an Atom 3. Ionization Potential 4. Nature of Chemical Bonding 5. Types of Chemical Bonding : i. Electrovalent or Polar or Ionic Bond ii. Covalent or Nonpolar Bond : a. Electron Affinity or Electronegativity b. Polar and Nonpolar Covalent Bonds c. Bond Length or Bond Distance d. Bond Angle e. Bond Strength and Bond Energy iii. Coordinate or Scmipolar or Dative Bond...



**Read Fundamentals of Biochemistry (M.E.), Revised Edition Online**



**Download PDF Fundamentals of Biochemistry (M.E.), Revised Edition**



**Download ePub Fundamentals of Biochemistry (M.E.), Revised Edition**

## You May Also Like



**[PDF] Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930**

Access the hyperlink below to download and read "Studyguide for Constructive Guidance and Discipline: Preschool and Primary Education by Marjorie V. Fields ISBN: 9780136035930" file.

[Save eBook »](#)



**[PDF] I Want to Thank My Brain for Remembering Me: A Memoir**

Access the hyperlink below to download and read "I Want to Thank My Brain for Remembering Me: A Memoir" file.

[Save eBook »](#)



**[PDF] Ask Dr K Fisher About Dinosaurs**

Access the hyperlink below to download and read "Ask Dr K Fisher About Dinosaurs" file.

[Save eBook »](#)



**[PDF] Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482**

Access the hyperlink below to download and read "Studyguide for Preschool Appropriate Practices by Janice J. Beaty ISBN: 9781428304482" file.

[Save eBook »](#)



**[PDF] Studyguide for Skills for Preschool Teachers by Janice J. Beaty ISBN: 9780131583788**

Access the hyperlink below to download and read "Studyguide for Skills for Preschool Teachers by Janice J. Beaty ISBN: 9780131583788" file.

[Save eBook »](#)



**[PDF] Love My Enemy**

Access the hyperlink below to download and read "Love My Enemy" file.

[Save eBook »](#)

**[PDF] How to Make a Free Website for Kids**

Follow the link below to download "How to Make a Free Website for Kids" PDF file.

[Download ePub »](#)

**[PDF] My Windows 8.1 Computer for Seniors (2nd Revised edition)**

Follow the link below to download "My Windows 8.1 Computer for Seniors (2nd Revised edition)" PDF file.

[Download ePub »](#)

**[PDF] Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback)**

Follow the link below to download "Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: I am Kipper (Hardback)" PDF file.

[Download ePub »](#)

**[PDF] Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One**

Follow the link below to download "Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One" PDF file.

[Download ePub »](#)

**[PDF] Read Write Inc. Phonics: Grey Set 7 Storybook 1 Rex to the Rescue**

Follow the link below to download "Read Write Inc. Phonics: Grey Set 7 Storybook 1 Rex to the Rescue" PDF file.

[Download ePub »](#)

**[PDF] The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up**

Follow the link below to download "The Whale Tells His Side of the Story Hey God, Ive Got Some Guy Named Jonah in My Stomach and I Think Im Gonna Throw Up" PDF file.

[Download ePub »](#)