

Spring 2009 Chem 32B Homework Assignments*

| <u>Date</u> | <u>Chapter</u> | <u>Problems</u> |
|-------------|---|--|
| Jan 28 | Chapter 3: Chemical Bonds Chapter 10: Organic Chemistry | 41,42,45,47,49,55,62,63,104 9,10,24,34,42,49,50 |
| Feb 2 | Chapter 11: Alkanes | 15,16,19,20,23,27,31,33, 34, 36, 44, 46, 49, 50, 52, 58 |
| Feb 9 | Chapter 12: Alkenes | 11,13,17, 23, 24, 28, 35, 36, 40, 43, 46, 48, 55, 60 |
| Feb 23 | Chapter 13: Benzene and Its Derivatives: Chapter 14: Alcohols, Ethers, and Thiols: | 4,9,10,12,15,17,19,21,24,43,46 11, 14, 16, 18, 21, 25, 28, 32, 33, 34, 36, 39, 40, 42, 45, 63 |
| March 2 | Chapter 17: Aldehydes and Ketones | 10, 15, 19, 26, 31, 33, 36, 37, 38, 41, 43, 44, 49, 50, 54, 56, 69 |
| March 9 | Chapter 15: Chirality: The Handedness of Molecules | 7,9,10,11,13,16,18,20,26,28,33,35,36 |
| March 16 | Chapter 16: Amines | 10,12,13,17,22,24,26,39,43,44,50 |
| March 23 | Chapter 18: Carboxylic Acids, Anhydrides, Esters, and Amides | 9, 17, 18, 20, 21, 22, 23, 25, 26, 32, 33,35,37,39,41, 48, 53, 54, 58, 62, 69 |
| April 13 | Chapter 19: Carbohydrates | 8, 15, 17, 22, 23, 24, 27, 28, 31, 37, 40, 44, 52, 55, 62 |
| April 20 | Chapter 21: Proteins Chapter 24: Nucleotides, Nucleic Acids, and Heredity | 6,14,17,25,36,39,46,51,60,71,72 2, 4, 15, 17, 18, 29, 31, 37, 40, 48, 55, 58, 60, 65, 74 |
| April 27 | Chapter 25: Gene Expression and Protein Synthesis Chapter 22: Enzymes | 6, 8, 15, 16, 17, 18, 20, 21, 22, 24, 31, 34, 46, 47, 48, 50, 52, 53,54, 55 4,9,11,12,13,19,21,24,26,29,34,45,61 |
| May 4 | Chapter 20: Lipids | 4, 5, 8, 15, 19, 23, 29, 41, 45, 48, 54, 59, 65, 70, 73, 76 |
| May 11 | Chapter 27: Specific Catabolic Pathways: Carbohydrate, Lipid, and Protein Metabolism | 3, 10, 15, 20, 23, 26, 31, 34, 36, 40, 43, 53, 54, 59, 61 |
| May 18 | Chapter 26: Bioenergetics: How our Body Converts Food | 7, 8, 9, 11, 20,21, 26, 28, 36, 49, 51, 66,70 |

*Homework is to be turned in each Monday, stapled and LEGIBLE. It will be turned back the following monday or sooner. . . ~