Homework: Chapters 25, 27-29

**Chapter 25**

Review Questions: 1-5, 7

Paired/ Additional Exercises: (2-8, 14-24, 30)\* 31, 32, 35, 36, 40

**Chapter 27**

Review Questions: 4, 10, 12-14, 18

Paired Exercises: 6, 16, 18, 22, 24, 34, 38, 40

**Chapter 28**

Review Questions: 1-2, 5-9, 11, 13, 17-19

Paired Exercises: 6, 22, 30, 32

**Chapter 29**

Review Questions: 5, 7, 9-11

Paired Exercises: 30, 41, 42

**Chapter 25, 27-29 Exam Review** (optional, all answers in the back of textbook to check with)

Chapters 22-23, Pg 629 (1-62)

Chapter 24, Pg 696 (1-28)

\* do even problems only

Chapters 25, 27-29 Test Information & FINAL

* Functions and sources of proteins
* Different classifications of proteins
* Naming and drawing amides and amines
* Functions, sources, and uses of amides and amines
* Different classifications of amides and amines
* Properties of amides and amines, relative to one another
* Functions, structure, sources, uses of lipids
* Classifications of lipids
* Properties of lipids, relative to one another
* Properties and structures of steroids
* Functional groups common to the biochemical molecules
* Sources, uses, properties, classifications of carbohydrates
* Artificial sweeteners
* As always, KNOW (and be able to identify) FUNCTIONAL GROUPS
* Refer back to all of your other Study Guides for this course

Review problems from the book: (OPTIONAL)

Ch 25 – pgs 695-699

Ch 27-28 – pgs 788-792

Ch 29 – pgs 885-889

* Content breakdown:
  + Ch 15-18 ~15%
  + Ch 19-21 ~15%
  + Ch 22-24 ~15%
  + Ch 25, 27-28 ~70%
    - Ch 25 ~17%
    - Ch 27 ~16%
    - Ch 28 ~16%
    - Ch 29 ~16%
    - Misc ~5%

***Disclaimer: This is by no means a full representation of the exam. I may change/add information as I review the material. This is provided as a guide to help you focus your study time. I am not responsible for your performance on the exam!***