

Homework #6 BCHS 3304 – Spring 2011

Glycolysis, Gluconeogenesis, Citric Acid Cycle

Note: This homework will not be collected. However, exams will assume that you have completed and understand the homework assignment and could answer related questions.

Reading Assignment: Chapter 15 of *Biochemistry*
Chapter 16 of *Biochemistry*
Chapter 17 of *Biochemistry*

Study Exercises: Chapter 15, p. 528
Chapter 16, p. 564
Chapter 17, p. 594-5

Note: Show all work and remember to incorporate your units in your calculations.

1. Complete Problems # 1-5, 7, 11, 12, 13, and 15 of **Chapter 15** (p. 179-181) in the *Student Companion to Biochemistry*.
2. Complete Problems # 1, 4,6,7, and 11 of **Chapter 15** (p. 528) in your *Biochemistry* textbook.
3. Complete Questions # 1,5,8,10,11 **Chapter 16** (p. 200-202) in the *Student Companion to Biochemistry*.
4. Complete Problems 1, 3, 8, and 9 of **Chapter 16** (p. 564) in your *Biochemistry* textbook.
5. Complete Problems # 1,3-5, 7-10 of **Chapter 17** (p. 214-215) in the *Student Companion to Biochemistry*.
6. Complete Problems # 1, 3-5, 8 and 14 of **Chapter 17** (p. 594-595) in your *Biochemistry* textbook.