# **Lab 2: cell metabolism**

## **PRE-LAB Report (5 pts)**

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer these questions **BEFORE** you come to your laboratory session. All answers can be found in your physiology lab manual. By doing this prelab, you will have a better understanding of the physiological concepts of this exercise. Use these questions as a study guide when preparing for any quizzes or test.

1. What would you predict the optimal temperature to be for the enzymes that work in the human body?
2. What would you predict the optimal pH to be for pepsin; for the other enzymes? Why the difference?
3. What is the difference between mechanical digestion and chemical digestion?
4. What substances would be present in a positive control tube?
5. What substances would be absent in a negative control tube?