

Your answers to this exam are due Friday Feb 17th at the beginning of your yoga class session. You may discuss potential answers to the questions with other students up to the point where you begin to write up your answers. After this point, if any additional questions arise in your mind, you are on your own. I am trusting all of you to honor this arrangement.

Type or write your answers neatly and legibly on a separate piece of paper that you will turn in.

1. Thus, far we have covered a number of different systems of the human body (muscle, skeletal, lymph, immune, and endocrine). Although we attempt to learn about each system separately, they are intimately interconnected.
 - a. Briefly outline the overall function(s) of the endocrine system. Limit your answer to using only words that a 9th grader can easily understand (7 pts).
 - b. The endocrine and skeletal systems are connected in many different ways. Give three examples of how the endocrine system influences the skeletal system. Be specific as to the compounds involved, where they come from and what they influence (18 pts).
2. Imagine that you've just received a nasty paper cut on the web of your hand between the thumb and index finger. Suppose that some bacteria get deposited in the cut and it gets mildly infected. Outline the defensive steps that your body will take to limit the infection and combat it (25 pts).