

Human Physiology Final Exam Study Guide

For the in class test (50 points):

List the names of the organ systems, recognize the organs that comprise each system, and give a brief description of their function. (You will get to pick five of the ten studied)

List the essential physiological parameters, why it is important to regulate each, and briefly describe mechanisms used to regulate these (give sensor, hormones or neural reflexes involved, effectors, and the effect). (You will get to pick four out of the seven we studied)

A basic theme in physiology is that structure often defines function. Be able to give a couple of examples of where the structure of a protein, cell, tissue, organ or system defines its function.

Take Home Section -

Due Dec 12 at the final (or get 5 extra credit points - turn in by last class (Wed Dec 7th)

Describe the body's response to fasting, hemorrhage or diarrhea. (Pick one of the three only!) (20 pts)