

Worksheet 2
Homeostasis and the Endocrine System
Use Chapters 40 and 45 as a Reference

Directions:

- Complete using your textbook to find answers to the following questions. Next class we will spend going over this information and answering any questions that come up. Good luck and have fun!

Outline Grading Criteria:

- Outline shows a conscientious effort to be complete and explain the questions posed. Most answers are correct.
- Student shows depth of answers by explaining, defining, and giving examples where appropriate. If there is a sentence or less for each question, this grading criteria is not met. Sufficient development is required.

Questions:

1. Define homeostasis and explain how negative feedback helps maintain it. Give one example of negative feedback in the human body.

2. Describe a negative feedback system in general. Include the stimulus, receptor, effector, control center, set point and response.

3. Describe how this negative feedback loop works to maintain body temperature.