

## Unit 8 – The Endocrine System

### Reading Assignment:

Chapter 16 – The Endocrine System (Pages)

### Vocabulary:

*Please define the following terms and use them to study for the Unit Quiz. Be prepared to turn in a list of your definitions the day of the quiz. You may use flashcards, list form, Quizlet, or whatever is most practical and useful for you.*

Endocrine system	Pineal gland
Hormones	Hypothalamus
Endocrine glands	Pituitary gland
Steroid	Thyroid gland
Eicosanoid	Parathyroid gland
Target Cell	Thymus
Up-regulation	Adrenal gland
Down-regulation	Pancreas
Humoral stimuli	Ovary
Neural stimuli	Testis
Hormonal stimuli	

### Study Questions:

*Answer the following questions throughout the unit. Be ready to turn in your work the day of the quiz. Use in class notes, the textbook, and other resources to guide you in writing your **own** original response to the question. Think critically!*

1. What are some of the major differences in how the nervous system controls the body, and how the endocrine system controls the body?
2. List the major organs of the endocrine system, and give their location and function.
3. Define hormone, and describe how they are chemically classified.
4. Describe the three types of interactions of hormones acting on their target cell.
5. Explain how hormone release is regulated.
6. Describe the relationship between the hypothalamus and the pituitary gland.
7. Describe the effects of two groups of hormones produced by the thyroid gland.
8. Indicate the general functions of parathyroid hormone.
9. Cite the physiological effects of hormones produced by the adrenal gland.
10. Compare and contrast two of the pancreatic hormones.
11. Describe the functions of the hormones of the testes and ovaries.

# Honors Physiology