

Endocrine System Video Questions

Name \_\_\_\_\_  
Date \_\_\_\_\_ Period \_\_\_\_\_

1. How is the endocrine system similar to posting a message on Facebook?
2. What are glands? What are hormones? (We'll discuss this further after the video.)
3. How are water soluble and water insoluble hormones received by the cell?
4. Describe the action of at least 3 glands in the endocrine system? (What hormones do they create and what are the actions of these hormones?)
5. Summary: How extensive is the work (communication, signaling, regulation, etc) done by the endocrine system? Does it seem to control much of your body? Explain.

Name \_\_\_\_\_  
Date \_\_\_\_\_

## THE ENDOCRINE SYSTEM " Quiz "

**Directions:** Use the space provided to answer the following questions. Use the back of this sheet if necessary.

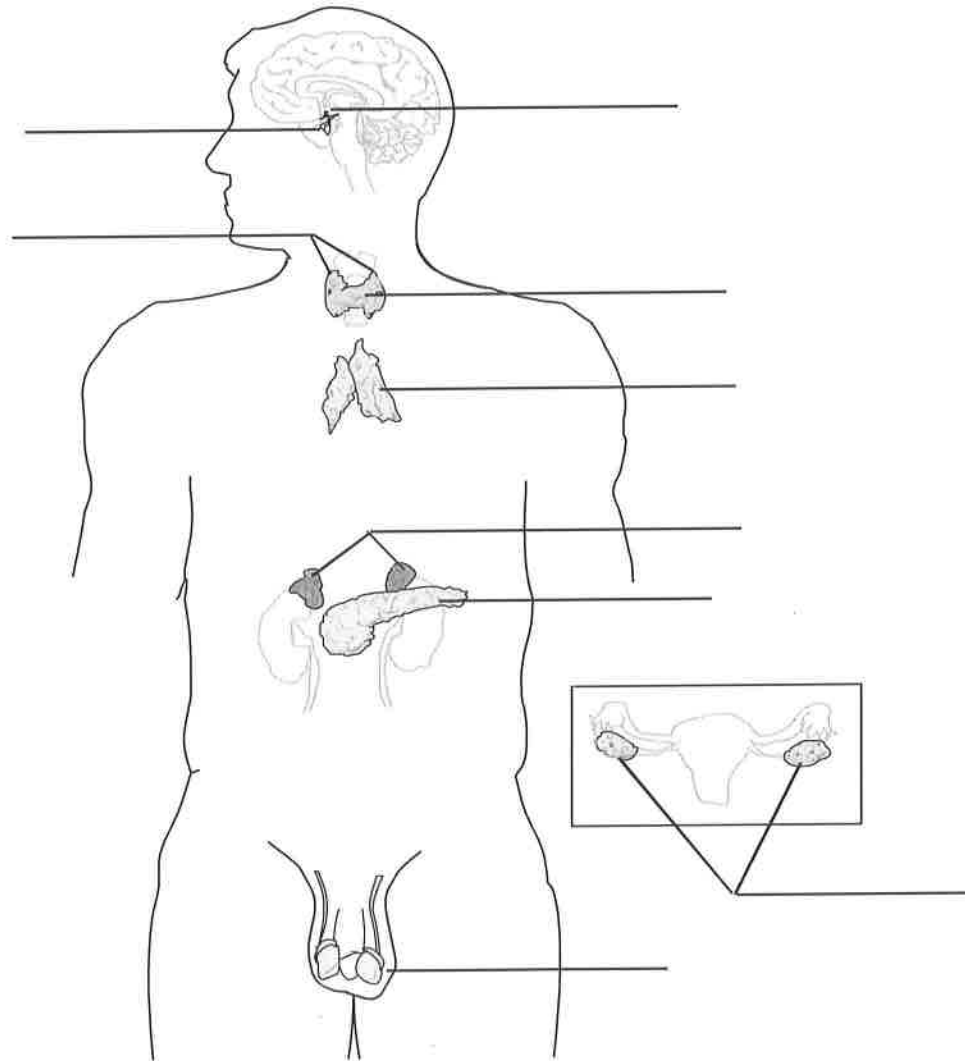
1. What is the function of the endocrine system?
  
2. Name the eight endocrine glands of the human body.
  
3. What is a hormone?
  
4. How does the negative-feedback mechanism work?
  
5. What are some of the effects of adrenaline?
  
6. How do the nervous and endocrine systems work together?
  
7. What is meant by the "flight or fight" response?
  
8. How do the hormones released by the endocrine glands get around the body?
  
9. Two of the hormones secreted by the pancreas are insulin and glucagon. These hormones work together to maintain a balanced blood sugar level. How do they do that?
  
10. Why must some people take insulin as a medication on a regular basis?

Name \_\_\_\_\_  
Date \_\_\_\_\_

## THE ENDOCRINE SYSTEM

### The Location of the Endocrine Glands

**Directions:** Place the words from the box at the bottom of the page next to the appropriate lines on the diagram.



Pancreas	Hypothalamus	Pituitary	Parathyroid	Ovaries
Adrenal	Thyroid	Thymus	Testes	

Name \_\_\_\_\_  
Date \_\_\_\_\_

## THE ENDOCRINE SYSTEM

Match

**Directions: Match the functions described in column B with the endocrine gland listed in column A.**

<u>Column A</u>	<u>Column B</u>
Hypothalamus _____	1. produces male sex characteristics
	2. decreases blood sugar level
Pituitary _____ _____	3. increases heart and breathing rate, raises blood pressure
	4. produces female sex characteristics
	5. increases blood sugar level
Thyroid _____ _____	6. regulates the level of calcium and phosphorus
	7. increases rate of metabolism
Thymus _____	8. maintains the level of calcium and phosphorus in the blood
	9. development of immune system
Adrenals _____	10. stimulates skeletal growth
	11. regulates the activities of other glands
Pancreas _____ _____	12. stimulates development of male and female sex organs
Ovaries _____	
Testes _____	
Parathyroids _____	