

Endocrine System (Part I)

(Pages 88 - 89)

I Function/s of the Endocrine System

- A. It _____ controls the body; slow acting as well as rapid response control.

II. General Information about the Endocrine System

- A. Made of _____ glands.

1. Glands which dump the _____ they make _____ into the blood, not into a _____ or onto the _____.
2. The chemicals these glands make are called _____.

III. Major organs in the Endocrine System and the functions of these organs

- A. Location of main organs (See drawing in handout)

- B. Organs and functions of the organs

1. _____ Gland
 - a. _____ Gland – directs and coordinates _____ of the other glands in this system.
 - b. Produces _____ (_____)
2. _____ gland – controls _____
 - a. Produces _____. The higher the level of _____ produced, the _____ the body uses _____ (_____).
3. _____ glands (4) – control the level of _____ in the blood.
 - a. _____ is used in the body for:
 1. one of the _____ needed to carry _____ between _____.
 2. strengthening _____.

3. other _____ in the body including _____
4. _____ gland – regulates the _____ system helping to _____.
- a. Larger in a _____.
 - b. Active in the creation of _____.
 1. _____ - Specialized cells which _____.
5. _____ glands (2) – functions all the time, but can increase function rapidly in response to _____.
- a. Regulates:
 1. _____
 2. _____
 3. level of _____, like _____, in the blood.
 4. formation of _____
 - aa. Secondary sex characteristics in females
 - 1.
 - 2.
 - 3.
 - 4.
 - bb. Secondary sex characteristics in males
 - 1.
 - 2.
 - 3.
 - b. The hormones produced include _____.
6. _____ – regulates amount of _____.
- a. Produces _____ to tell _____ to store _____.
 - b. Produces _____ to tell the _____ to put _____ back into the blood.
7. _____ - produce hormones involved in _____.

a. Primary sex characteristics in females

1.

2.

3.

8. _____ (_____) - produce hormones
involved in _____.

a. Primary sex characteristics in males.

1.