

What is the Endocrine System?

- 1) The main function of the endocrine system is to _____ hormones that work together to maintain _____.
- 2) _____: chemical messengers secreted by endocrine glands. Their job is to _____ the activity of cells, organs, or both.
- 3) There are _____ major glands.
- 4) _____: ductless; go directly into the bloodstream.
- 5) _____: go through a duct; release secretions through tissues. Two examples include, sweat and salivary glands.
- 6) Once a hormone is secreted it travels from the _____ to the _____ to the intended organ or cell.

7) _____ bind to the hormones and allow it to secrete the correct amount.

8) Once hormone levels reach the correct amount, _____
_____ step in to control the hormone
_____.

9) **Negative Feedback System:** when a gland senses there is an
_____ level of a hormone and begins to
_____ secretion.

What is the Endocrine System?

- 1) The main function of the endocrine system is to **produce** hormones that work together to maintain **homeostasis**.
- 2) **Hormones**: chemical messengers secreted by endocrine glands. Their job is to **regulate** the activity of cells, organs, or both.
- 3) There are **13** major glands.
- 4) **Endocrine**: ductless; go directly into the bloodstream.
- 5) **Exocrine**: go through a duct; release secretions through tissues. Two examples include, sweat and salivary glands.
- 6) Once a hormone is secreted it travels from the **gland** to the **bloodstream** to the intended organ or cell.

7) **Proteins** bind to the hormones and allow it to secrete the correct amount.

8) Once hormone levels reach the correct amount, **body mechanisms** step in to control the hormone **secretion**.

9) **Negative Feedback System**: when a gland senses there is an **elevated** level of a hormone and begins to **decrease** secretion.