Endocrine System: Overview

To complete this worksheet, select:

Module: Regulation
Activity: Anatomy Overviews
Title: Endocrine System: Overview

1. Describe the endocrine system function. ___________________________________________
   ____________________________________________________________________________

2. Click the Hypothalamus to investigate further.
   a. Describe hypothalamus functions. _____________________________________________
      __________________________________________________________________________
      __________________________________________________________________________
      __________________________________________________________________________
   b. Identify the following.

3. Return to the main Endocrine System homepage and click on the Pituitary Gland.
   a. The pituitary produces several hormones that regulate various parts including other endocrine glands. This rather large role earns it the “master gland” nickname. Describe the various pituitary gland functions.
      __________________________________________________________________________
      __________________________________________________________________________
      __________________________________________________________________________
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      __________________________________________________________________________
4. Return to the main Endocrine System homepage. Click the *Thyroid Gland* to investigate further.

a. Identify *Thyroid Gland* secretions and functions.

b. Identify the following.
5. Go back to the main Endocrine System homepage to investigate the Parathyroid Glands.
   
a. Identify parathyroid secretions and functions.

b. Identify the following.

6. Back you go to the main Endocrine System homepage. This time investigate the Liver.
   
a. The liver functions in both the digestive and endocrine systems. Describe its endocrine functions.

b. Identify the following.
7. Return, again, to the main Endocrine System homepage. Click the Kidney.

   a. The kidney functions in both the urinary and endocrine systems. Describe its endocrine secretions and functions.

   b. Identify the following.

8. Once again, return to the main Endocrine System homepage to investigate the Small Intestine.

   a. The small intestine functions in both the digestive and endocrine systems. Identify its endocrine secretions and their functions.

   b. Identify the following.
9. Again, return to the main Endocrine System page and click on the Thymus Gland.
   
a. Identify thymus secretions and their functions.
   
b. Identify the following.

10. Return to the main Endocrine System homepage to investigate the Heart.
   
a. Obviously, the heart functions within the cardiovascular system but it also has endocrine functions. Identify heart secretions and functions.

b. Identify the following.
11. Back again to the main Endocrine System homepage. This time investigate the Adrenal Glands.

a. The adrenals have several endocrine secretions and functions. Identify and describe each.

b. Identify the following.

12. Back on the main Endocrine System homepage, click the Stomach.

a. Clearly, the stomach's primary function is relative to the digestive system, however, it has endocrine functions, too. Identify endocrine secretions and functions.

b. Identify the following.
13. Back you go to the main Endocrine System homepage to investigate the Pancreas.

a. The pancreas functions in both the digestive and endocrine systems. Identify its endocrine secretions and their functions.

b. Identify the following.

14. Return to the main Endocrine System homepage. Click on the Ovaries.

a. The ovaries have both reproductive and endocrine functions. Identify endocrine secretions and their functions.

b. Identify the following.
15. One last time, return to the main Endocrine System homepage to investigate the Testes.

a. Just as with the female ovaries, the male testes have both reproductive and endocrine functions. Identify endocrine secretions and their functions.

b. Identify the following.