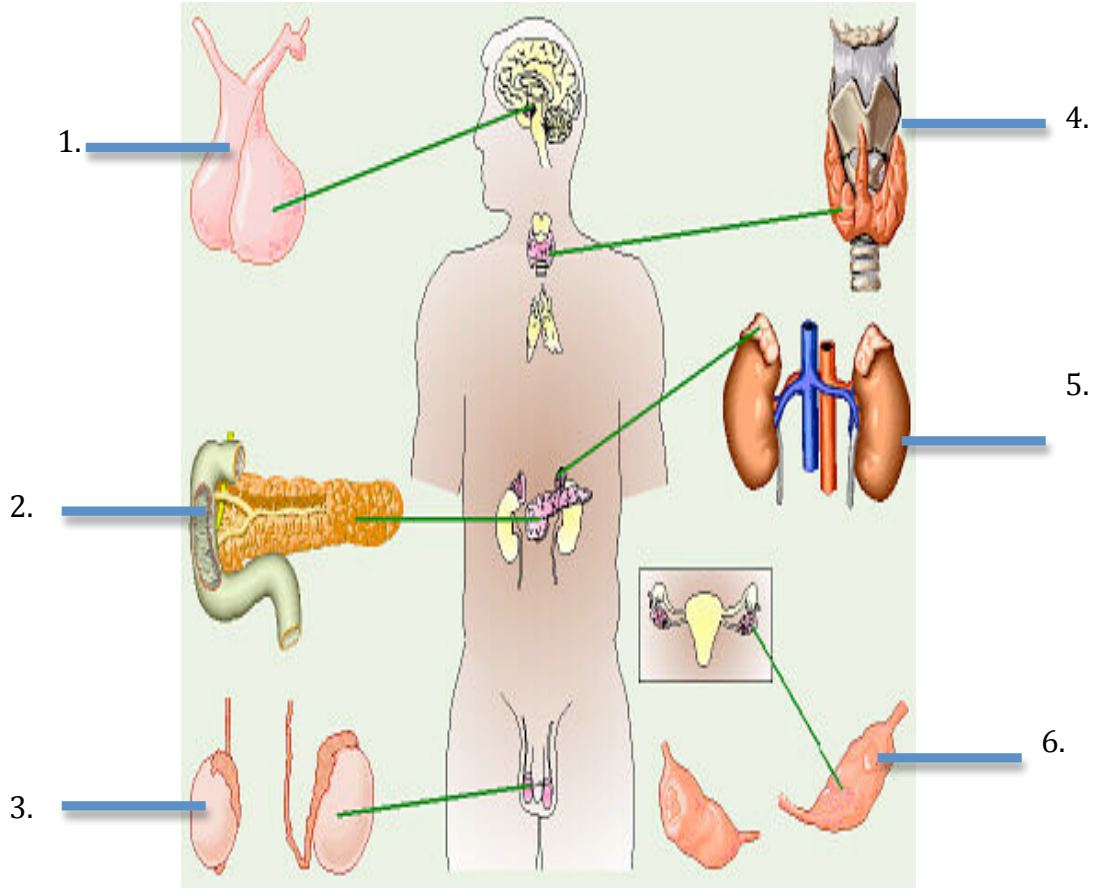


Introduction to Growth & Development
Lesson 17.1

Name _____

Read pages 386 - 392 to complete the following chart and related questions.

Use the word bank below to label each organ within the endocrine system.



WORD BANK

In the space provided give a brief explanation as to the function of each organ.

- 7. Adrenal Gland _____
- 8. Ovaries _____
- 9. Pituitary _____
- 10. Pancreas _____
- 11. Testes _____
- 12. Thyroid Gland _____

Fill in the blank.

13. This organ within the brain monitors body temperature, blood pressure, and controls appetite and thirst. _____

14. This hormone, produced by the pancreas, stimulates the cells to take up glucose from the bloodstream. _____

15. If the pancreas is unable to produce enough insulin, the amount of sugar in the bloodstream increases, causing _____.

16. People who do not get enough iodine in their diet may develop an enlarged thyroid gland called a _____.

17. Good sources of iodine can be found in _____ and _____.

18. Increase in heart rate, body temperature, and blood pressure could be caused by hormones from the thyroid gland releasing _____.

19. This hormone is released by the adrenal gland when you are angry, frightened, excited, or under stress. _____

20. Two hormones responsible for the many changes that occur during puberty are called _____ and _____.

After reading the entire 17.1 section, respond to these two questions.

21. Many teenagers develop large appetites, which then diminish as they reach adulthood. What changes occur during puberty that would cause the appetite to increase?

22. Many disorders of the endocrine system are treated using hormones. Why might it be dangerous to use hormones when you are not under the strict supervision of a doctor?