Life Science Test Chapter 18

Name _____

Vocabulary:

Capillaries   plasma   testes   valve   endocrine system

Pancreas   white blood cells   arteries   ovaries   integumentary system

1. The _____ in digestion and blood sugar regulation.

2. A blood cell that helps fight infection: _____.

3. Production of sperm and testosterone take place in the _____.

4. The skin, nails, and hair are part of the _____.

5. The failure of a heart _____ to properly close could cause the blood to

   flows backwards in the vessels.

6. The network of small blood vessels that allow oxygen and other substances to flow

   into tissue are _____.

7. Red and white blood white cells are suspended in a fluid called _____.

8. The _____ is a group of glands that produce

   hormones and release them into the blood.

9. _____ carry blood away from the heart.

10. Organs that produce eggs and female sex hormones are in the _____.

Select the best answer:

11. Which of the following is true?

A. Blood moves most quickly in the capillaries?

B. Heart valves force blood through the heart.

C. More than half of your blood is red blood cells.

D. Large veins have one-way valves to channel the blood back towards the heart.

12. Which hormone is involved in determining the male sex characteristics?

A. Testosterone

B. Estrogen

C. Insulin

D. Epinephrine

13. Of the following, which would have the most widespread effect if damaged?

A. Pituitary gland

B. Testes

C. Ovaries

D. Adrenal Gland

Short Answer:

14. Why is the muscle wall thicker around the left side of the heart?

_____

_____

15. List two organs in the digestive system.

_____

16. List two organs in the excretory system.

_____

17. List three functions of the integumentary system.

_____

_____

18. Why do the walls of the arteries need to be thicker than the walls of veins?

_____

_____

19.List the three types of blood vessels.

_____

_____

20. What is your body's largest organ?

_____

_____

21. Draw and label the cross section of the skin. Label the three layers, include hair, sweat gland, blood vessels, nerve ending, oil gland. (please attach)