NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Study guide for test on* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The main function of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system is to transport blood throughout the body.
2. List the three things the blood transports in the body -\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_ blood cells in the body help to fight infection.
4. The \_\_\_\_\_\_\_\_\_\_\_\_ is the pump that causes blood to circulate through the body.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ carry blood that has oxygen and nutrients to all parts of the body.
6. Wastes such as carbon dioxide are carried from the body back to the heart by the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are very small blood vessels where gases, nutrients and waste are exchanged between the blood and cells.
8. List the four things blood is made of - \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. The main function of the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ system is to provide gas exchange between the blood and air.
10. When air is inhaled the \_\_\_\_\_\_\_\_\_\_\_\_\_ remove oxygen from the air.
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is exhaled back into the environment from the lungs.
12. The \_\_\_\_\_\_\_\_\_\_\_ collects air from the environment.
13. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, also known as the windpipe, moves air to the bronchi.
14. The tubes that move the air from into the lungs are called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
15. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are where gas exchange takes place and are located in the lungs.
16. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the muscle that aids in breathing by allowing the rib cage to expand.
17. List the 3 main functions of the digestive system – 1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
18. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ organs of the digestive system have a direct role in digesting food and come into contact with the food.
19. The organs that secrete digestive juices are called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ organs of the digestive system.
20. Write the order of the organs that food passes through in the body.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
21. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion is the chewing or mashing of food.
22. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ digestion occurs when chemicals break down the food.
23. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the organ in which digestion begins.
24. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the mouth starts the process of chemical digestion.
25. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the transport tube that carries the chewed food to the stomach.
26. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ secretes digestive juices into the food and continues the process of mechanical digestion.
27. The nutrients are absorbed into the bloodstream from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
28. Water is absorbed from the food into the bloodstream in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
29. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a short tube that stores solid waste until it is ready to be removed from the body.
30. Waste is removed from the body through an opening called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
31. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ produces bile which breaks up fat.
32. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ stores the bile.
33. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ produces digestive juices.

YOU WILL ALSO HAVE TO LABEL THE DIAGRAM OF THE DIGESTIVE SYSTEM!

ANSWER KEY

1. Circulatory
2. Gases, nutrients, waste products
3. White
4. Heart
5. Arteries
6. Veins
7. Capillaries
8. Red blood cells, white blood cells, platelets and plasma
9. Respiratory
10. Lungs
11. Carbon Dioxide
12. Nose
13. Trachea
14. Bronchi
15. Alveoli
16. Diaphragm
17. Break down foods, absorb nutrients, rid the body of solid waste
18. Primary
19. Secondary
20. Mouth – esophagus – stomach – small intestines – large intestines – rectum – anus
21. Mechanical
22. Chemical
23. Mouth
24. Saliva
25. Esophagus
26. Stomach
27. Small intestines
28. Large intestines
29. Rectum
30. Anus
31. Liver
32. Gall bladder
33. Pancreas