

## Digestive System Study Guide

1. What is peristalsis? \_\_\_\_\_
2. What are papillae and where are they located? \_\_\_\_\_
3. What is the roof of the oral cavity called (2 parts): \_\_\_\_\_  
What is the uvula? \_\_\_\_\_
4. What are the three salivary glands and where are they located? \_\_\_\_\_
5. What are the two types of movements within the alimentary canal? \_\_\_\_\_
6. What are the three main functions of the digestive system?
  - 1) \_\_\_\_\_ and \_\_\_\_\_ break down of food
  - 2) \_\_\_\_\_ of nutrients
  - 3) \_\_\_\_\_ of wastes
7. What is the name of the opening where the esophagus pass through the diaphragm? \_\_\_\_\_
8. What layer of the alimentary canal carries out absorption? \_\_\_\_\_  
What layer contains glands, blood vessels, and nerves? \_\_\_\_\_  
What layer contains the muscles? \_\_\_\_\_  
What layer covers the structures? \_\_\_\_\_
9. What valve opens from the esophagus to the stomach? \_\_\_\_\_  
What valve opens from the stomach to the small intestine? \_\_\_\_\_
10. What structure connects the tongue to the floor of the mouth? \_\_\_\_\_
11. What digestive enzyme is produced by the salivary glands? \_\_\_\_\_
12. The part of the stomach that sits slightly above the esophagus is called the \_\_\_\_\_
13. What is the hardest substance found in the body? \_\_\_\_\_
14. The central cavity of the tooth is made of \_\_\_\_\_  
The top of the tooth is called the \_\_\_\_\_  
The part of the tooth that extends below the gums is called the \_\_\_\_\_
15. The front teeth are called \_\_\_\_\_. The back teeth are called \_\_\_\_\_.  
The pointed teeth after the incisors are the \_\_\_\_\_
16. What is food called after it has been broken down into a paste? \_\_\_\_\_  
What are the folds inside the stomach called? \_\_\_\_\_
17. What causes jaundice in newborns? \_\_\_\_\_
18. Trace the path of food once it enters the colon (follow through the parts)  
\_\_\_\_\_ to \_\_\_\_\_ to \_\_\_\_\_
19. What is the function of the pancreas? \_\_\_\_\_
20. What does the bile duct connect? \_\_\_\_\_ to the \_\_\_\_\_

21. Where is the hepatic portal vein located? \_\_\_\_\_
22. Trace the path of food from the stomach and through all of the parts of the small intestine:  
stomach → \_\_\_\_\_ → \_\_\_\_\_ > \_\_\_\_\_  
\* Which section is the longest? \_\_\_\_\_
23. What is the function of the gall bladder? \_\_\_\_\_  
What is the function of bile? \_\_\_\_\_
24. What membrane holds the coils of the small intestine together? \_\_\_\_\_  
What membrane covers the organs of the digestive system like a curtain? \_\_\_\_\_
25. What is the function of the intestinal villi? \_\_\_\_\_
26. What part of the colon is located right before the rectum? \_\_\_\_\_
27. Where is the cecum located? \_\_\_\_\_  
What "useless" structure is attached to it? \_\_\_\_\_
28. What part of the system stores waste prior to its elimination? \_\_\_\_\_
29. What is a mass movement? \_\_\_\_\_
30. The "flora" of the large intestine is what? \_\_\_\_\_
31. What is the function of the large intestine? \_\_\_\_\_  
if this function does not work, what sickness can result? \_\_\_\_\_
32. If part of the small intestine pokes through the abdominal muscles, a person has a \_\_\_\_\_
33. Hepatitis (A,B, or C) affects which organ of the digestive system? \_\_\_\_\_
34. The majority of a human's diet should consist of what? \_\_\_\_\_
35. What substance is mainly responsible for breaking down fats? \_\_\_\_\_  
What substance is created in the stomach and breaks down food? \_\_\_\_\_
36. What is lactose intolerance? \_\_\_\_\_
37. What is another name for gastroesophageal reflux disease? \_\_\_\_\_
38. The \_\_\_\_\_ system refers to the liver, pancreas and gallbladder.  
What are the three ducts found in that system? \_\_\_\_\_
39. If a person has dysentery , they have a dangerous form of \_\_\_\_\_
40. Be able to label structures of the digestive system on an image. (This includes a close-up view of the stomach and biliary system)