

Digestive System WS 1

Read pages 468 - 475 and answer the following questions.

1. What are the two parts of the digestive system?
2. What are the structures and functions of the alimentary canal?
3. What are the structures of the accessory organs?
4. The alimentary canal is also known as the _____.
5. Describe the GI tract.
6. What are the organs of the GI tract?
7. If you stretched out the alimentary canal how long would it be?
8. What area of the mouth is referred to as the vestibule?
9. What is the lingual frenulum?
10. What does masticated mean?
11. Describe the structure of the muscles of the pharynx and include how they function to move food to the esophagus.

12. How long is the esophagus?

13. Name and describe the 4 basic tissues layers of the alimentary canal organs from the esophagus to the large intestine.

14. What is the opening inside the intestines called?

15. What is the mesentery?

16. What does the submucosal nerve plexus do?

17. What does the myenteric nerve plexus do?

18. The stomach is on what side of the abdominal cavity?

19. What is the name of the sphincter through which food enters the stomach?

20. What is the name of the sphincter through which food leaves the stomach?

21. What is the average length of the stomach?

22. It's diameter varies depending on what?

23. When full the stomach can hold how much food?
24. When empty what does the stomach mucosa do?
25. Where are the greater and lesser curvatures located?
26. Describe the structure of the greater and lesser omentum.
27. What does having an additional muscle layer allow the stomach to do?
28. The mucosa of the stomach is what type of epithelial tissue?
29. Describe the function of the mucous produced by the tissue in #28.
30. What are gastric pits and what is their function?
31. What is intrinsic factor?
32. What do the chief cells and parietal cells produce?
33. Most of the digestive activity happens where in the stomach?
34. What is chyme and what does it look like?