Anatomy I - Dr. Nelson - Chapter 23 part 2 - Study Guide

Read pages 864, The Pharynx, to 871, Digestive Processes Occurring in the Stomach; Page 877, The Small Intestines and Associated Structures through page 885, The Pancreas; and page 890, The Large Intestine up to Bacterial Flora, page 893

The student should be able to:

1. Give the name of the subunits of the pharynx in the order the food passes.
2. Give the name of the specific tissue of the inner layer of the mucoas of the pharynx and explain what this tissue is resistant to.
3. Describe the function of the circular muscles in the muscularis externa in the pharynx.
4. Describe the length of the esophagus.
5. Explain the significance of the esophagealhiatal hiatus.
6. Explain the relationship of the hiatal hiatus, cardiac sphincters and heartburn.
7. Explain what GERD is.
8. Define the term, “deglutition”.
9. Explain where the digestion of proteins begin.
10. Explain what chime is.
11. Explain what rugae are.
12. Identify the various structures of the stomach.
13. Describe the lesser and greater omentum.
14. Explain the difference between parietal cells and chief cells.
15. Explain what the alkaline mucous protect against.
16. Describe how long your intestines are at this moment, of a cadaver.
17. Identify the first ten inch section of your small intestine.
18. Explain what substances are dumped into the duodenum at the hepatopancreatic ampula.
19. Identify the middle section of the small intestine.
20 Identify the final section of the small intestine.

21. Describe the ileocecal valve.

22. Describe the modifications to the inner surface of the small intestines to increase absorption.

23. Explain the current hypothesis of why some people have stomach ulcers.

24. Identify the vessel that carries nutrient rich blood from the digestive system to the liver.

25. Explain what substance is produced in the liver that is essential to fat digestion and absorption.

26. Describe some of the other functions that the liver performs besides the production of bile.

27. Explain the function of Kupffer cells in the liver.

28. Explain the function of the gall bladder.

29. Identify and give the sequence of ducts that deliver bile and pancreatic juices to the duodenum.

30 Identify the functional unit of the liver.

31. Give another name for liver cells.

32. Identify the location of the pancreas and gall bladder in relationship to the liver and stomach.

33. Describe the size of the large intestine.

34. Explain the primary function of the large intestine.

35. Identify the point where the small and large intestine meet.

36. Identify the various parts of the large intestine.