Anatomy I, Dr. Nelson Chapter 23 part 1, Digestion, Study Guide

The student should be able to:

1. Identify the two major groups of organs that compose the digestive system.

2. Give another name for the gastrointestinal tract.

3. Briefly describe the two main functions of the alimentary canal.

4. Identify the major organs of the gastrointestinal tract.

5. Identify the major accessory digestive organs.

6. List and briefly describe the six essential activities of the digestive system.

7. Identify the three different regulatory mechanisms, describe their similarities and differences.

8. Identify the serous membrane that is found on the surface of most digestive organs.

9. Identify the serous membrane that lines the body wall/abdominopelvic cavity where the digestive organs are located.

10. Explain what the peritoneal cavity is, describe its contents and the function of this fluid.

11. Explain what a mesentery is.

12. Describe what if found within the mesenteries besides the digestive organ.

13. Identify the term that is used for organs that are actually posterior or outside the peritoneum.

14. Give the name of the blood supply to both the digestive organs and the hepatic portal system.

15. Identify the four basic layers (tunics) from the lumen out.

16. Describe two functions of the mucosa lining of the digestive tract.

17. Identify the tissues that lines the inside of the mouth.

18. Describe the vestibule of the mouth.

19. Describe the oral cavity proper.

20. Describe the labial frenum.

21. Give the scientific/Latin term for lips.
22. Identify the two bones that make up the hard palate.

23. Explain what role the soft palate and the uvula play when one swallows.

24. Describe the functions of the tongue.

25. Name the three pair of salivary glands and give their locations.

26. Give the number of "baby teeth" and permanent teeth.

27. Name the different types of permanent teeth, describe their functions and indicate the number of each.

28. Describe the crown of a tooth.

29. Identify the outer covering of a tooth.

30. Identify the section of a tooth that is embedded in the bone of the jaw.

31. Identify the calcified connective tissue that covers the root and attaches it to the periodontal ligament.

32. Identify the structure that attaches the tooth to the jaw bone.

33. Identify the tooth layer found directly under/deep to the enamel.

34. Give another term for a tooth cavity.