

Digestive system Review

1. Distinguish between chemical digestion and mechanical digestion.
2. Name all the organs that make up the digestive tract.
3. Name the accessory organs in the digestive system.
4. Name two parts of the digestive system in which absorption occurs.
5. Name the enzyme that helps break down:
 - a. Sucrose _____
 - b. Lipids _____
 - c. Protein _____
6. State two functions of saliva.
7. What are two digestive functions of the tongue?
8. What mechanism prevents food from entering the trachea and the lungs when swallowing?
Explain.
9. How is heartburn caused?
10. What macromolecule is mainly broken down by enzymes in the stomach?
11. Why don't the chemicals in the stomach digest the stomach itself?
12. Name the section of the small intestine.
13. Explain how the small intestine is designed to maximize surface area. Why is a large surface area important?
14. What does the pancreas secrete?
15. What does the liver secrete?
16. What are the functions of the duodenum, jejunum, and ileum?
17. Describe peristalsis.
18. What factors affect enzyme activity?
19. Describe the digestive functions of the liver, gall bladder and pancreas (2 functions for each).
20. Explain the importance of bile salts in digestion
21. Describe the main function of the colon in digestion.
22. Why is cellulose an important part of your diet?