Name:

Digestive System Practice

1. Food is pushed through the digestive system by __peristalsis_____, a wavelike motion.
    a. muscular contractions
    b. peristalsis
    c. catabolism
    d. anabolism

2. Write the letter (A - M) that corresponds with each structure of the digestive system.

Anus ___M___

Stomach ___F___

Mouth ___A___

Large Intestine ___I____

Liver ___E___

Appendix ___K___

Gallbladder ___G____

Pancreas ___H____

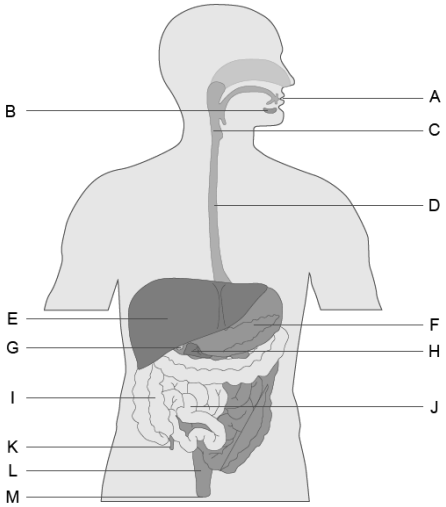
Pharynx ___C____

Small Intestine ___J____

Esophagus ___D_____

Rectum ___L____

Tongue ___B___



3. Using your knowledge of the digestive system, what do you think would happen to the mechanical and chemical digestion in a person missing a large portion of his or her stomach? You may want to include a definition of mechanical and chemical definition.

The mechanical digestn would be decreased due to less stomach surface area, & mechanical digestn would make it more difficult for the enzymes to work

4. Which organ of the digestive system is responsible for the production of bile?

a. stomach
b. liver
c. gall bladder
d. pancreas

5. The tube that connects the mouth with the stomach is called the esophagus

6. Where does the process of mechanical digestion begin?

a. stomach
b. mouth
c. small intestine
d. rectum

7. What is the relationship between the duodenum and chemical digestion?

The small intestine is the area where lipase, proteases & amylases are absorbed

8. How is the stomach adapted for the role it plays in the digestive process?

a. It has three strong layers of muscle tissue to produce churning. ✓
b. It is where symbiotic bacteria live to help break down food.
c. It has several pockets that can collect food for later usage. ✗
d. It can remove unwanted particles from the food that enters so digestion will happen faster.

9. Why is the large intestine called 'large' if it is shorter than the small intestine?

It has a large diameter than the small intestine

10. Which action would a person have difficulty doing if they were born without salivary glands?

a. They would have trouble digesting lipids.
b. They would not be able to break down proteins.
c. They would not be able to chew up their food.
d. They would have trouble digesting large carbohydrates.