Name: **Date:**

Quiz

Instructions: Answer each question.

1. Your digestive system works on the foods you eat for about:
   a. 5 hours
   b. 10 hours
   c. 15 hours
   d. 20 hours

2. The digestive system breaks down food into:
   a. nutrients
   b. amylase
   c. saliva
   d. sphincters

3. During the process of absorption, nutrients from food go from:
   a. the intestines into the bladder
   b. the blood into the organs
   c. the intestines into the bloodstream
   d. the mouth into the stomach

4. The alimentary canal, or digestive tract, is made up of the:
   a. pancreas, liver, and gallbladder
   b. esophagus, stomach, and intestines
   c. colon, rectum, and anus
   d. mouth, esophagus, and stomach

5. These move food through the digestive system:
   a. digestive fluids
   b. enzymes
   c. mucous membranes
   d. smooth muscles

6. In the stomach:
   a. muscles churn and mix the food with acids and enzymes
   b. glands make 3 quarts of digestive juices each day
   c. food leaves as a thick liquid called chyme
   d. all of the above

7. The pancreas, liver, and gallbladder help digestion in these ways, respectively:
   a. making enzymes; making bile and processing nutrients; and storing bile
   b. producing saliva; digesting carbohydrates; and eliminating waste
   c. producing hormones; producing enzymes; and eliminating waste
   d. making acids; producing digestive juices; and storing enzymes

8. A flexible flap of tissue called the _____ reflexively closes over the windpipe when we swallow to prevent choking.

9. Waves of muscle contractions called _____ force food down through the esophagus to the stomach.

10. The inner wall of the small intestine is covered with millions of microscopic, finger-like projections called _____, through which nutrients can be absorbed into the body.

Extra credit
The small intestine is made up of three parts: the c-shaped first part called the _____, the coiled midsection called the _____, and the final section that leads into the large intestine called the _____.