

NAME: \_\_\_\_\_

**Digestive System Study Guide – Unit 6 A&P**

1. Identify and label the major and the accessory digestive organs
2. Define the alimentary canal
3. Explain the general outline of digestion
4. Explain the role of the major digestive organs (mouth, stomach, small intestine, large intestine, anus)
5. Describe the histology (tissue slides) of the following digestive organs, including the specialized types of tissue from each – esophagus, stomach, small intestine, large intestine
6. Explain the steps in the physiology of digestion (ingestion, mechanical digestion, propulsion, chemical digestion, absorption, and defecation)
7. Analyze the need for enzymes in the process of digestion
8. Be able to describe each type of enzyme (amylase, protease, and lipase) including the types of organic compounds they break down and the smaller molecules they break down into
9. Predict what will occur if an enzyme moves to a different location and becomes denatured
10. Evaluate the importance of the digestive juices found (gastric juice and pancreatic juice)
11. Predict the impact on a patient if he/she is unable to secrete pancreatic juices
12. Be able to describe both forms of regulation of hunger
13. Compare energy input and energy output and the effect it has on weight
14. Know your digestive system diagram (below)

