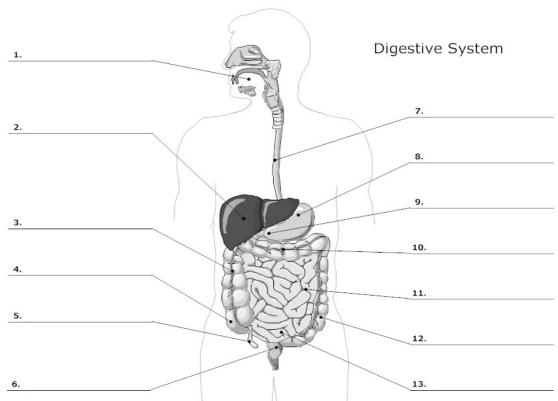
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<u>Digestive System Study Guide - Unit 6 A&P</u>

- 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, propulson, 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)



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