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Date: 2-3-2020

## Digestive System Study Guide

- What is peristalsis? Push food down through the alimentary canal
- What are villi and where are they located? wall of small intestine
- What are the three main functions of the digestive system?  
mechanical and chemical break down of food absorption of nutrients elimination of wastes
- What layer of the alimentary canal carries out absorption? mucosa
- What valve opens from the stomach to the small intestine? cardiac sphincter
- What digestive enzyme is produced by the salivary glands? amylase
- The part of the stomach that sits slightly above the esophagus is called the fundus
- What is food called after it has been broken down into a paste and it enters into the stomach?  
chyme
- What causes jaundice in newborns? liver not functioning
- Trace the path of food once it enters the colon (follow through the parts) ascending colon to transverse to descending
- What is the function of the pancreas? food to energy
- What does the bile duct connect? gall bladder to the duodenum
- Where is the hepatic portal vein located? liver
- Trace the path of food from the stomach and through all of the parts of the small intestine:  
stomach : duodenum >> jejunum >> ileum
- What is the function of the gall bladder? store bile
- What is the function of bile? digest fat
- What is the function of the intestinal villi? increased area for absorption
- What part of the colon is located right before the rectum? sigmoid colon
- Where is the cecum located? junction between small and large intestine
- What "useless" structure is attached to it? appendix
- What part of the system stores waste prior to its elimination? rectum
- What is a mass movement? defecation
- What is the function of the large intestine? absorb water again. If this function does not work, what sickness can result? diarrhea
- If part of the small intestine pokes through the abdominal muscles, a person has a hernia
- Hepatitis (A,B, or C) affects which organ of the digestive system? liver
- What substance is mainly responsible for breaking down fats? bile
- What substance is created in the stomach and breaks down food? pepsin
- What is another name for gastroesophageal reflux disease? acid reflux
- The biliary system refers to the liver, pancreas and gall bladder.
- What are chyme, bolus, deglutition, and jaundice? transports things for food to move  
inflammation gallbladder, stones, surgery
- What are the differences in cholelithiasis, cholecystitis, and cholecystectomy? surgery
- What are the lengths of the small and large intestines? 5ft/20ft
- What are the parts to the large intestines? cecum, colon, rectum, appendix, anal canal
- What is the function of the small intestines? absorb nutrients

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35. What is the function of the stomach? storage/regulation

36. What is the function of the esophagus? transportion

37. What is the function of the anus? Rectum? release waste

