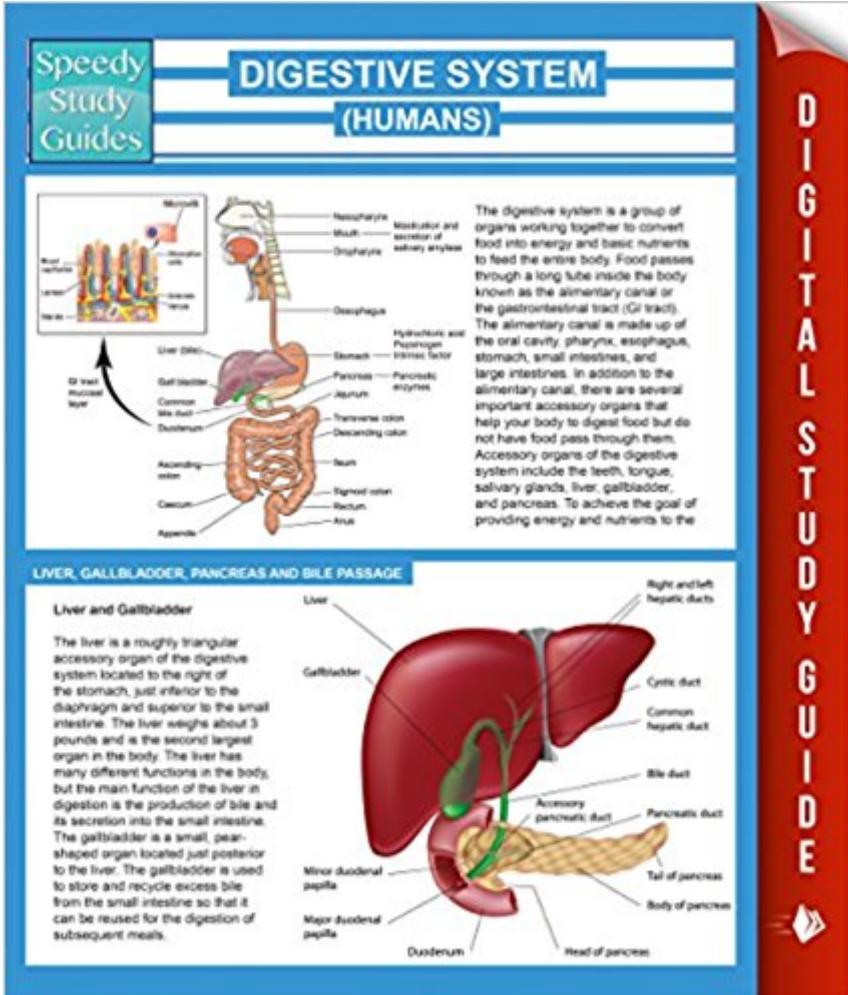


The book was found

Digestive System (Humans) (Speedy Study Guides)



DIGESTIVE SYSTEM (HUMANS)

The digestive system is a group of organs working together to convert food into energy and basic nutrients to feed the entire body. Food passes through a long tube inside the body known as the alimentary canal or the gastrointestinal tract (GI tract). The alimentary canal is made up of the oral cavity, pharynx, esophagus, stomach, small intestines, and large intestines. In addition to the alimentary canal, there are several important accessory organs that help your body to digest food but do not have food pass through them. Accessory organs of the digestive system include the teeth, tongue, salivary glands, liver, gallbladder, and pancreas. To achieve the goal of providing energy and nutrients to the

LIVER, GALLBLADDER, PANCREAS AND BILE PASSAGE

Liver and Gallbladder

The liver is a roughly triangular accessory organ of the digestive system located to the right of the stomach, just inferior to the diaphragm and superior to the small intestine. The liver weighs about 3 pounds and is the second largest organ in the body. The liver has many different functions in the body, but the main function of the liver in digestion is the production of bile and its secretion into the small intestine. The gallbladder is a small, pear-shaped organ located just posterior to the liver. The gallbladder is used to store and recycle excess bile from the small intestine so that it can be reused for the digestion of subsequent meals.

Right and left hepatic ducts
Liver
Gallbladder
Cystic duct
Common hepatic duct
Bile duct
Accessory pancreatic duct
Pancreatic duct
Tail of pancreas
Body of pancreas
Head of pancreas
Minor duodenal papilla
Major duodenal papilla
Duodenum



Synopsis

The human digestive system works by introducing water and enzymes into food in order to extract nutrients and minerals from it. This process is assisted by smooth, involuntary muscles along the tract that help push food along. All waste products are excreted at the end of the digestive cycle. Charts that show the inner workings of the digestive system make it easier for students to visualize precisely how the process works. This may be easier for some people to understand by visualization, rather than relying on written descriptions.

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Customer Reviews

I am absolutely fascinated by the digestive system so naturally any material that I find about it quenches my thirst. This pictorial illustration, however, was okay, but could have been a little more visually enhancing. It gives names of the most familiar parts of the DS tract, but doesn't elaborate a lot on their functions. Thus, if you needed more information about exactly how each part performs - you'd have to research more information.

Excellent, exactly as described

Great information

This guide, like many of their similar guides for various human systems, make for useful high school study guides and also for college level basic biology (biology for non-science majors). I think it could also serve a biology major or pre-med/nursing student as a possible pre-lecture outline to which they can add notes during lecture. This is a study guide, not a replacement for a textbook so expectations need to match what it is.

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