

Digestive System Anatomy Quiz PDF

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What is the primary function of the esophagus in the digestive system?

- Absorption of nutrients
- Transport of food to the stomach
- Production of digestive enzymes
- Storage of bile

Which of the following organs are directly involved in the digestion and absorption of nutrients?

- Mouth
- Small Intestine
- Gallbladder
- Stomach

Where does the majority of nutrient absorption occur in the digestive system?

- Stomach
- Small Intestine
- Esophagus
- Large Intestine

Which of the following enzymes are involved in the digestion of carbohydrates?

- Salivary amylase
- Lipase
- Pancreatic amylase
- Pepsin

What is the primary role of the stomach in digestion?

- Absorption of nutrients
- Chemical digestion of proteins

- Production of insulin
- Mechanical breakdown of food

Which components of the digestive system are involved in the mechanical breakdown of food?

- Teeth
- Pancreas
- Small Intestine
- Stomach

Which part of the small intestine is primarily responsible for the absorption of nutrients?

- Duodenum
- Ilium
- Cecum
- Jejunum

Which of the following are functions of the liver in the digestive system?

- Production of bile
- Detoxification of blood
- Storage of vitamins and minerals
- Absorption of water

What is the main function of the large intestine in the digestive system?

- Digestion of proteins
- Production of bile
- Breakdown of carbohydrates
- Absorption of water and electrolytes

Which organs produce enzymes that aid in digestion?

- Pancreas
- Gallbladder
- Salivary glands
- Liver

What is the role of hydrochloric acid in the stomach?

- Neutralizes stomach acid
- Activates digestive enzymes
- Absorbs nutrients
- Breaks down carbohydrates

Which of the following processes occur in the mouth during digestion?

- Mechanical breakdown of food
- Absorption of nutrients
- Production of bile
- Chemical digestion of carbohydrates

Which organ stores bile before it is released into the small intestine?

- Liver
- Gallbladder
- Stomach
- Pancreas

Which of the following are involved in the chemical digestion of proteins?

- Pepsin
- Amylase
- Lipase
- Trypsin

What is the primary function of the gallbladder in the digestive system?

- Production of digestive enzymes
- Absorption of nutrients
- Detoxification of blood
- Storage and concentration of bile

Which of the following nutrients are primarily absorbed in the small intestine?

- Carbohydrates
- Proteins
- Water
- Fats

What is the main function of the duodenum in the digestive system?

- Storage of bile
- Absorption of water
- Production of digestive enzymes
- Initial digestion and absorption

Explain the role of bile in the digestion of fats and describe how it is produced and stored in the body.