

What is the main function of the digestive system

- A. To regulate body temperature
- B. To pump blood
- C. To produce hormones
- D. To break down food and absorb nutrients

What is the name of the tube that connects the mouth to the stomach

- A. Trachea
- B. Rectum
- C. Esophagus
- D. Intestine

What enzyme is produced in the mouth to help break down carbohydrates

- A. Protease
- B. Cellulase
- C. Amylase
- D. Lipase

What is the role of the stomach in the digestive process

- A. Stomach stores waste
- B. Stomach absorbs nutrients
- C. Stomach regulates body temperature
- D. Stomach breaks down food with gastric juices

What is the name of the muscular valve that controls the flow of food from the stomach

- A. Esophageal sphincter

- B. Pyloric sphincter
- C. Duodenal sphincter
- D. Ileocecal sphincter

What is the function of bile in the digestive system

- A. Aids in carbohydrate digestion
- B. Stores excess nutrients
- C. Produces insulin
- D. Emulsifies fats

What is the primary function of the small intestine

- A. Regulation of blood sugar
- B. Digestion of food
- C. Absorption of nutrients
- D. Production of bile

Where does most of the absorption of nutrients occur in the digestive system

- A. Large intestine
- B. Esophagus
- C. Small intestine
- D. Stomach

What is the role of the pancreas in the digestive system

- A. Stores bile
- B. Aids in nutrient absorption
- C. Regulates blood sugar
- D. Produces digestive enzymes

What is the main function of the large intestine

- A. Store nutrients
- B. Digest food
- C. Absorb water and minerals
- D. Produce bile

What is the purpose of the appendix in the digestive system

- A. To produce digestive enzymes.
- B. To store excess nutrients.
- C. The purpose of the appendix is not fully understood.
- D. To aid in digestion.

What is the name of the finger-like projections in the small intestine that increase su

- A. Villi
- B. Finger projections
- C. Intestinal folds
- D. Microvilli

What is the name of the hormone that stimulates the release of gastric acid in the sto

- A. Estrogen
- B. Gastrin
- C. Insulin
- D. Melatonin

What is the function of the gallbladder in the digestive system

- A. Controls blood sugar levels

- B. Produces bile
- C. Aids in vitamin absorption
- D. Stores and concentrates bile

What is the role of intestinal bacteria in the digestive system

- A. Cause food allergies
- B. Aid in digestion
- C. Produce insulin
- D. Regulate body temperature

What is the name of the process by which food is broken down into smaller molecules

- A. Digestion
- B. Absorption
- C. Excretion
- D. Metabolism

What is the name of the enzyme that breaks down proteins in the stomach

- A. trypsin
- B. lipase
- C. amylase
- D. pepsin

What is the function of the sphincter muscles in the digestive system

- A. To absorb nutrients
- B. To produce enzymes for digestion
- C. To control the passage of food
- D. To regulate body temperature

What is the name of the enzyme that breaks down fats in the small intestine

- A. Lipase
- B. Amylase
- C. Cellulase
- D. Protease

What is the role of peristalsis in the digestive system

- A. To move food through the digestive tract
- B. To regulate body temperature
- C. To produce stomach acid
- D. To absorb nutrients from food

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