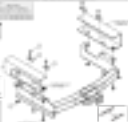


PHYSIOLOGY OF THE HUMAN DIGESTIVE SYSTEM

QUESTION

1. Describe the structure and function of the human digestive system.



ANSWER

The human digestive system is a complex of organs that work together to break down food into nutrients that can be absorbed by the body. It consists of the mouth, salivary glands, esophagus, stomach, small intestine, large intestine, and anus.

QUESTION

2. Explain the role of the stomach in the digestion of food.

ANSWER

The stomach is a muscular organ that plays a central role in the digestion of food. It receives food from the esophagus and churns it into a semi-liquid mass called chyme. The stomach's lining secretes gastric juice, which contains hydrochloric acid and enzymes that break down proteins. The chyme then moves into the small intestine for further digestion and absorption.