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Organ Systems



Learning Objectives

- After completing this lesson students will be able to:
- ❖ know about different organ systems of human body.
 - ❖ identify different organs.
 - ❖ understand the functions of different organs.



Introduction

We get energy for our daily activities from the food we eat. How is the food broken down into simpler forms? It is through the process called digestion. After we eat the food, waste products are removed from the body. The process involved in this is called excretion. We need oxygen to survive. Our body gets oxygen through the process called respiration. These processes are carried out by different organs in our body. Different organs together form an organ system. In this lesson we will study about different organ systems in our body and their functions.



I. Digestive System

The food we eat consists of complex compounds like carbohydrates, proteins and fats. They have to be converted into simpler molecules like glucose, amino acids, fatty acids and glycerol respectively. These simpler molecules are then assimilated either by blood or lymph in order to give us energy. The process of conversion of complex food molecules into simpler molecules is called digestion. The digestive system can be divided into two.

1. Digestive tract
2. Digestive glands