

INTRODUCTION TO DIGESTION

After taking of food, food is digested and then it is passed to the different parts of body for the growth, repair and other vital functioning of body.

The food we take is primarily in the form of complex substances. Food in such complex form is not used as such by animals. Hence, they need to be first broken down into simpler soluble forms so that they can be absorbed by the cells of the body.

DIGESTION

The process of breaking down of complex component of food into simpler substances is called digestion. The process of digestion is different in human, grass eating animals, amoeba, hydra, etc.

Enzymes are those which help in the breakdown of complex molecules like carbohydrates, protein, fats, etc. into simple molecules.

PLENARY -

Q. What is ingestion?

A. The intake of food is called ingestion.

Q. What is digestion?

A. The breaking down of solid and complex food into simple and soluble forms is called digestion.

ASSESSMENT & EVALUATION

Q.What is absorption?

A.The process of passing of digested food into blood vessels in the intestine is called the absorption.

Q. What do you understand by assimilation?

A. The process in which the absorbed food is taken in by the body cells and used for energy, growth and repair is called assimilation.

Q. What do you understand by egestion?

A. Removal of waste materials from the body, time to time from anus is called egestion.

Q. What are the steps of nutrition involved in animals?

A. There are five steps of nutrition involved in animals. These are Ingestion, Digestion, Absorption, Assimilation and Egestion.