

WELCOME TO THE ONLINE CLASS

SESSION NO.: 5

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 1

CHAPTER NAME: FOOD AND DIGESTION

**SUB TOPIC: DIGESTION OF FOOD- STOMACH AND SMALL
INTESTINE**

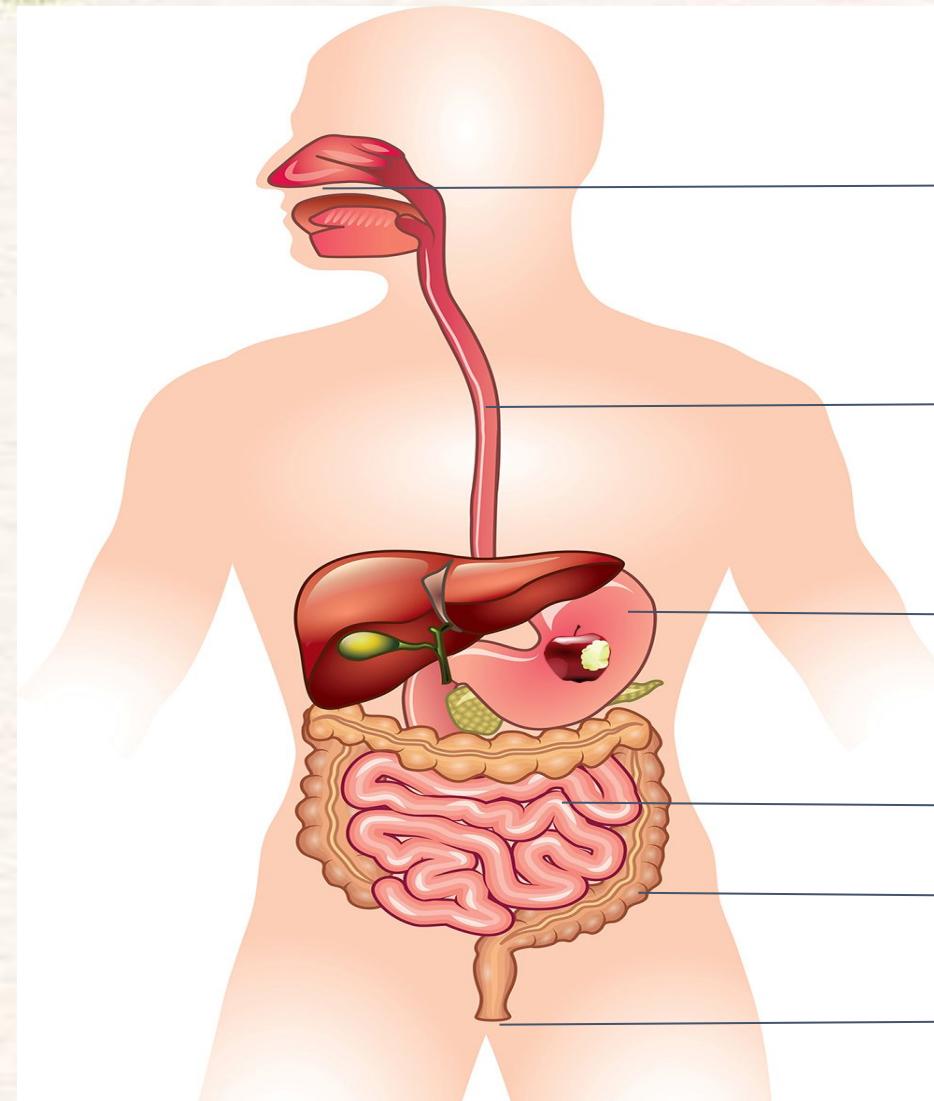
CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

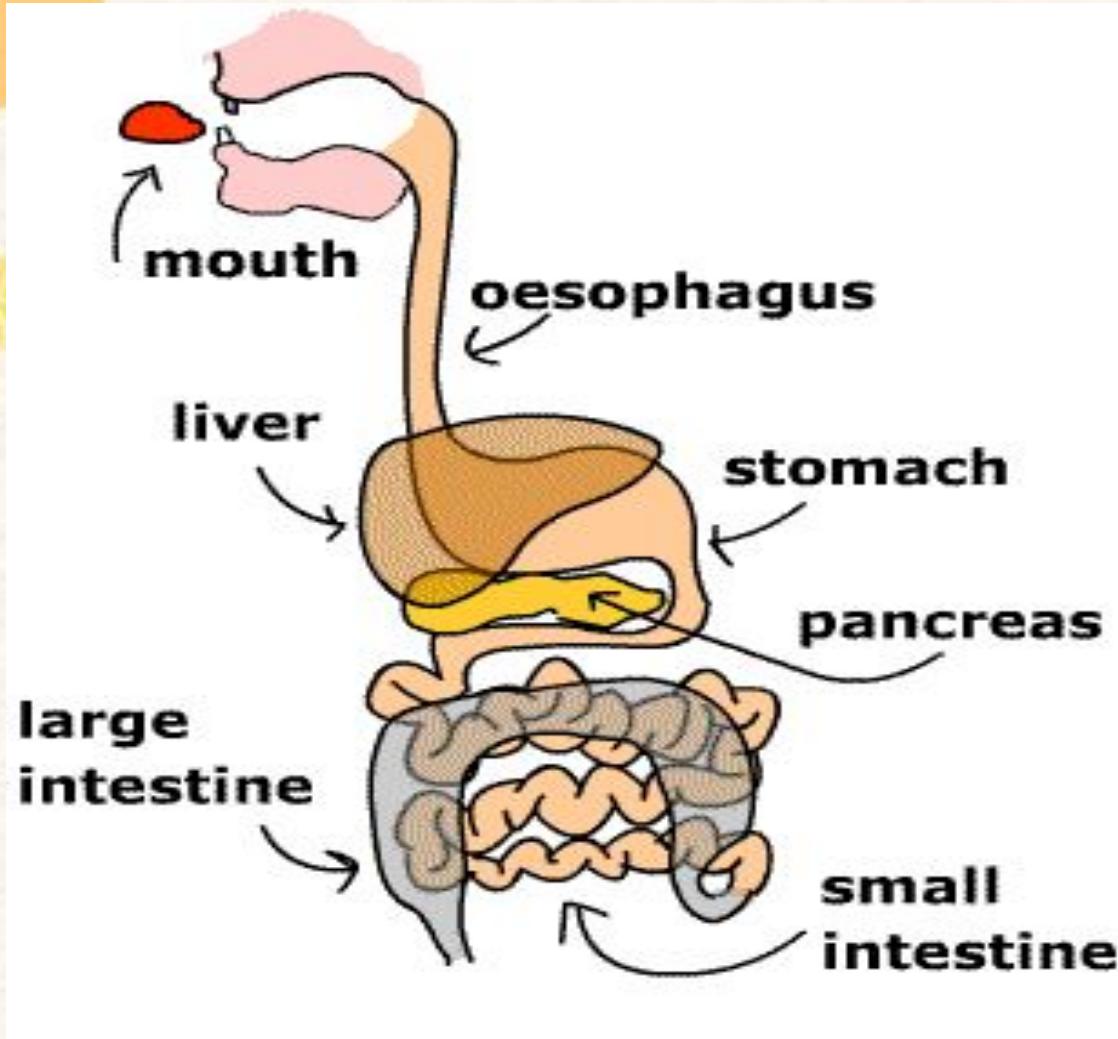
- to describe the different stages of digestion.
- to know the different functions of different organs involved in the process of digestion.

WARM UP



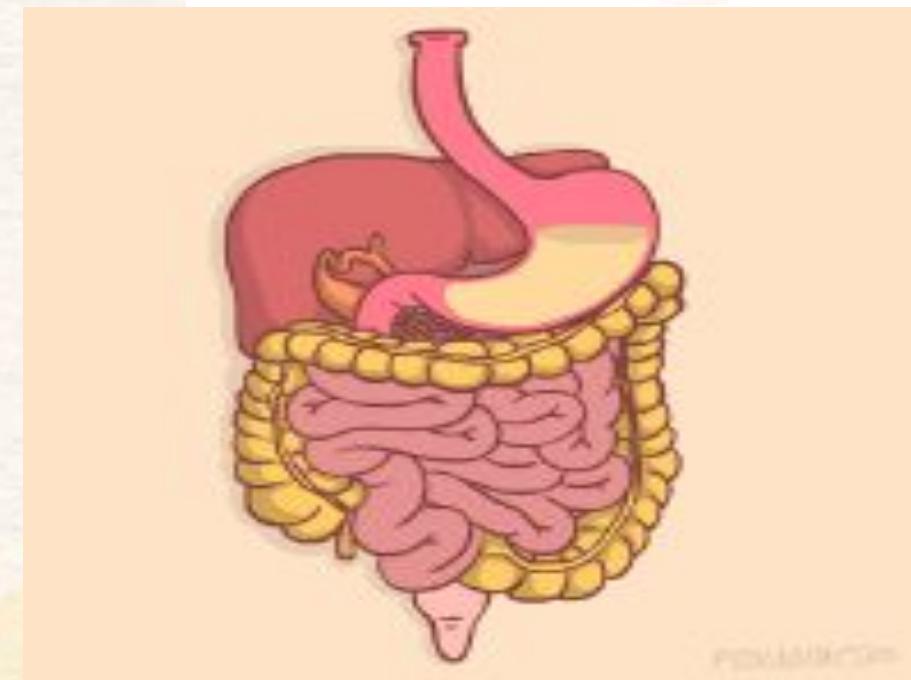
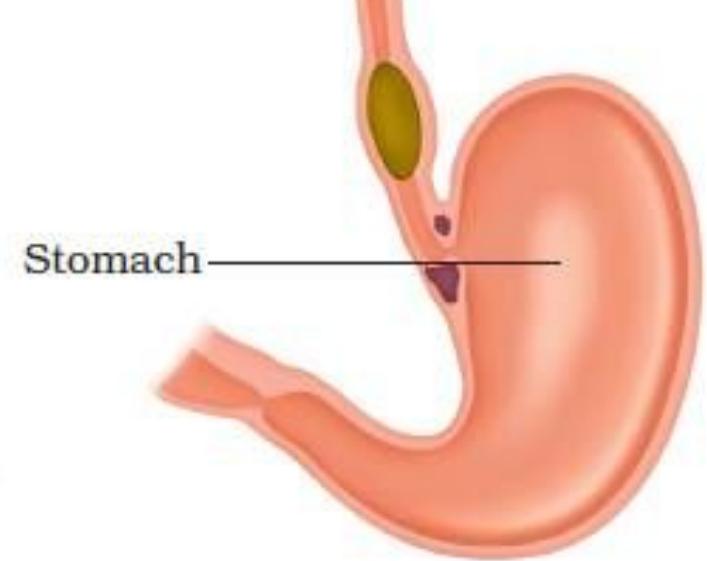
- a. Mouth
- b. Oesophagus\ Food pipe
- c. Stomach
- d. Small Intestine
- e. Large Intestine
- f. Anus

PATH TAKEN BY THE FOOD THROUGH THE DIGESTIVE SYSTEM



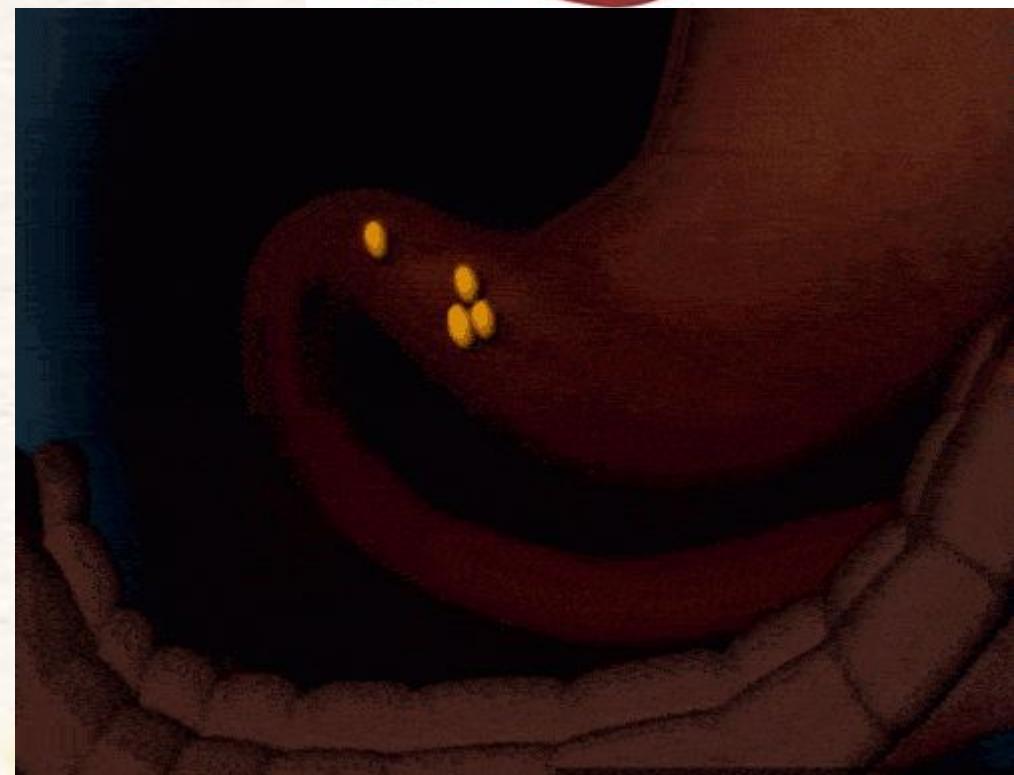
STOMACH

- Stomach is a hollow, muscular bag like organ.
- It helps in churning the food.
- The walls of the stomach produces acid which helps in killing the germs which might have gone along with the food.
- It mixes the digestive juices with the food.
- It helps in the breaking down of protein into simpler form.
- Here, the food remains for around three hours.



SMALL INTESTINE

- A long coiled tube-like organ that connects the stomach and the large intestine.
- More digestive juices mixes with the food.
- Food is completely digested here.
- The walls of the small intestine absorb the digested food and distribute it to all the parts of the body through the bloodstream.



ASSOCIATED ORGANS THAT HELP IN DIGESTION

- Liver : It is the largest solid organ that produces bile.
- Pancreas: It produces pancreatic juice.
- The liver and pancreas pour their juices into small intestine.



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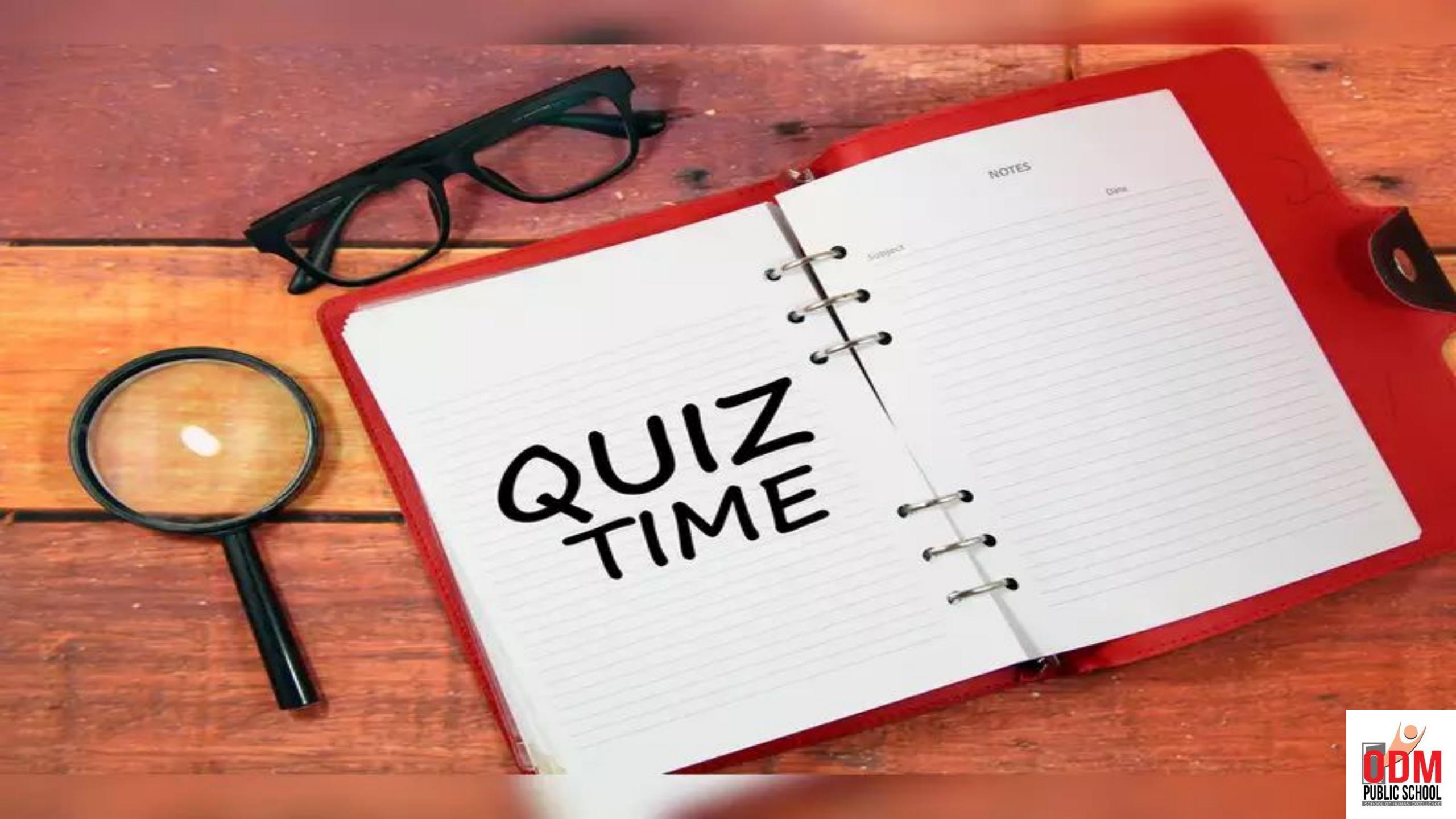


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SUMMARY

- The process of breaking down food into simpler form inside your body is called digestion.
- Mouth, food pipe, stomach, small intestine, large intestine and anus make up our digestive system.
- The process of digestion starts in the mouth.
- A muscular tube that connects mouth with the stomach is called food pipe or oesophagus.
- Stomach helps in churning the food and mixes digestive juices with the food.
- Small intestine absorbs the nutrients needed for the body.
- The liver and pancreas pour their juices into small intestine.
- Digested food is absorbed by the blood and taken to all parts of the body.



QUIZ
TIME

1. Where does the food goes from the stomach?

ANS: Small intestine

2. Name the largest solid organ of your body.

ANS: Liver

3. The muscular bag- like organ in the digestive system is called as _____.

ANS: Stomach

WRITE THE SHORT ANSWERS

1. Why do we need food?

Ans: We need food because:

- a. food helps us to grow and stay alive.
- b. it provides us energy to work, play, study and do other activities
- c. it keeps us fit and healthy.

2. Name any three food items which contain starch.

Ans: Three food items which contain starch are rice, wheat and potato.

3. Name any four sources of vitamins and minerals.

Ans: Four sources of vitamins and minerals are fresh fruits, vegetables, meat and fish.

4. What is a balanced diet?

Ans: A diet that contains all the nutrients in right amount including water and roughage is known as balanced diet.

5. Where does the digested food enter from the stomach?

Ans: The digested food enters the small intestine from stomach.

HOMEWORK

- Do the oral question given in page number no. 11.

LEARNING OUTCOME

The learner will be able to:

- **describe the different stages of digestion.**
- **know the different functions of different organs involved in the process of digestion.**



THANKING YOU
ODM EDUCATIONAL GROUP