

# **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**

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**CHANGING YOUR TOMORROW**

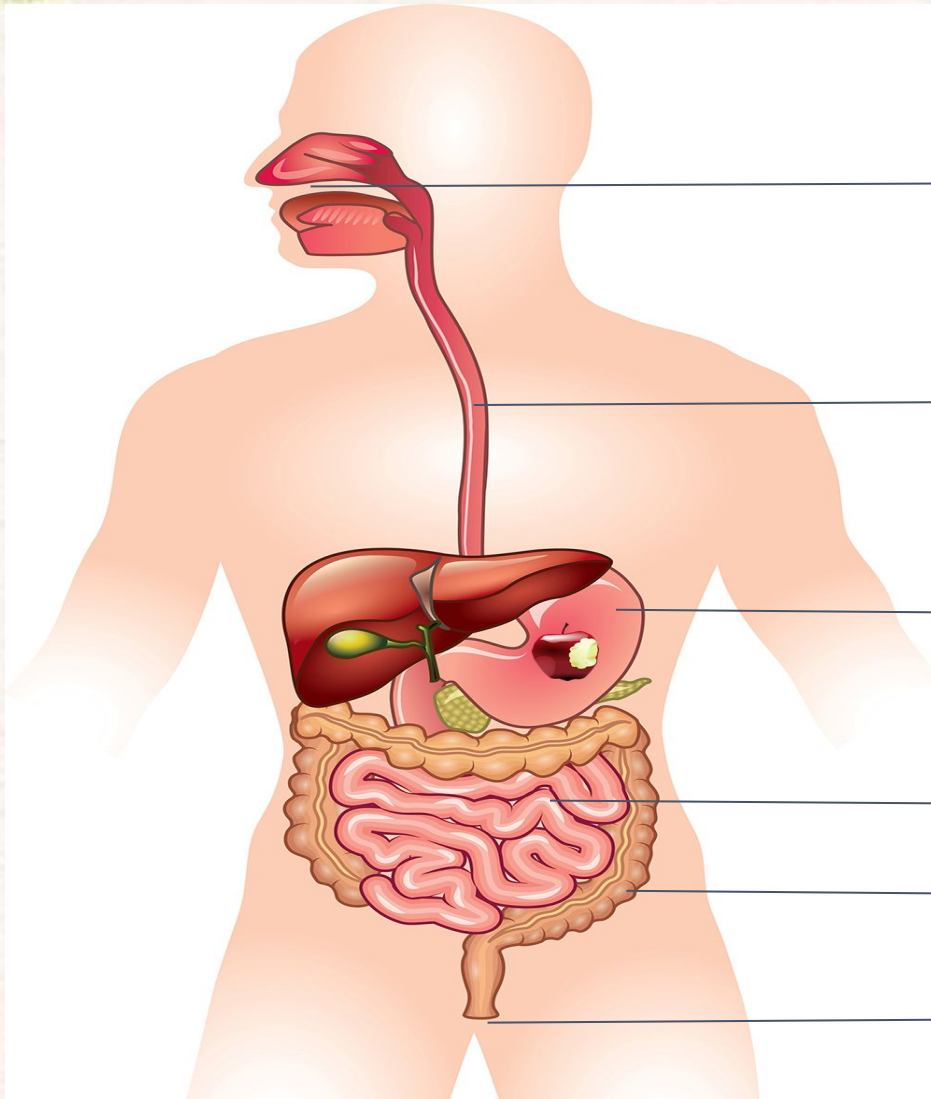
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# LEARNING OBJECTIVE

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

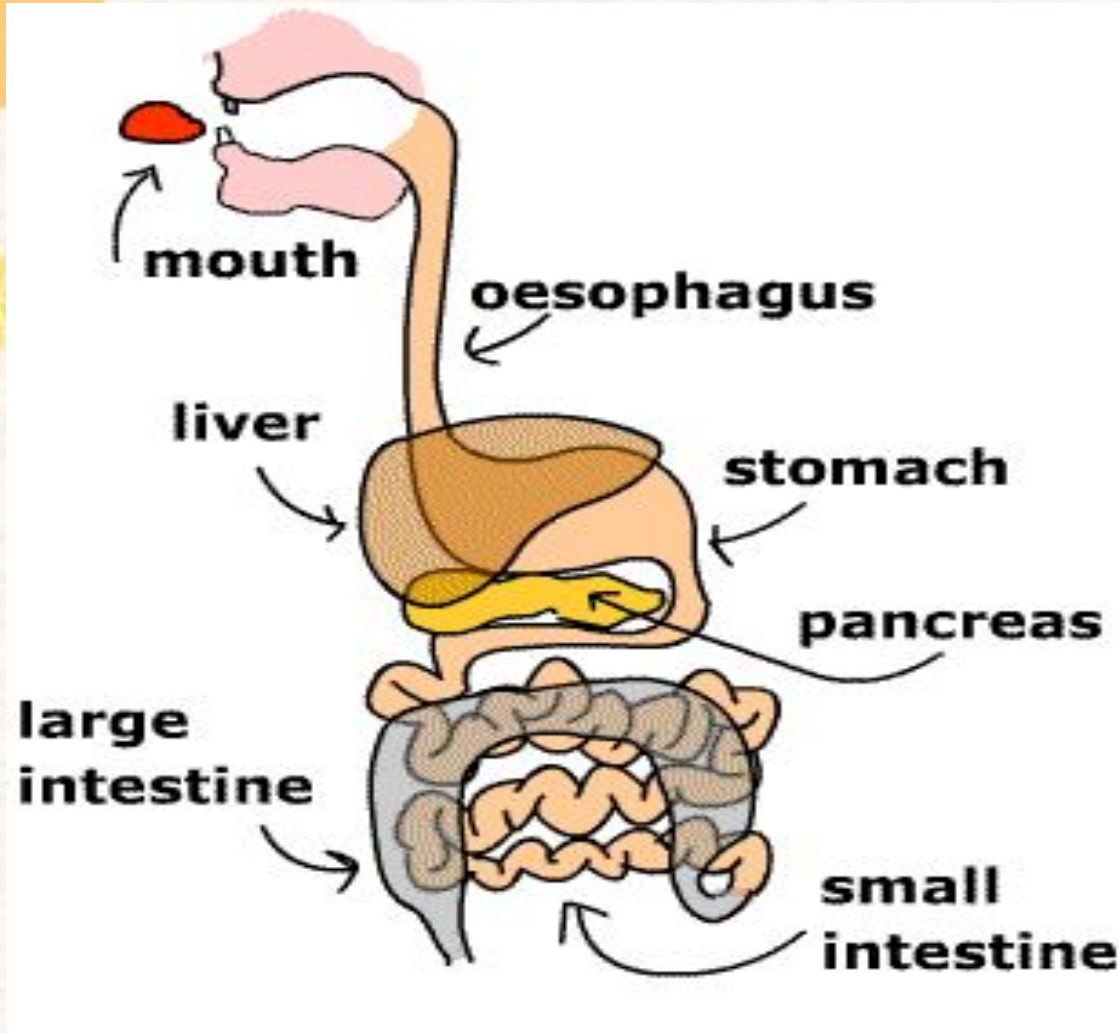
c. Stomach

d. Small Intestine

e. Large Intestine

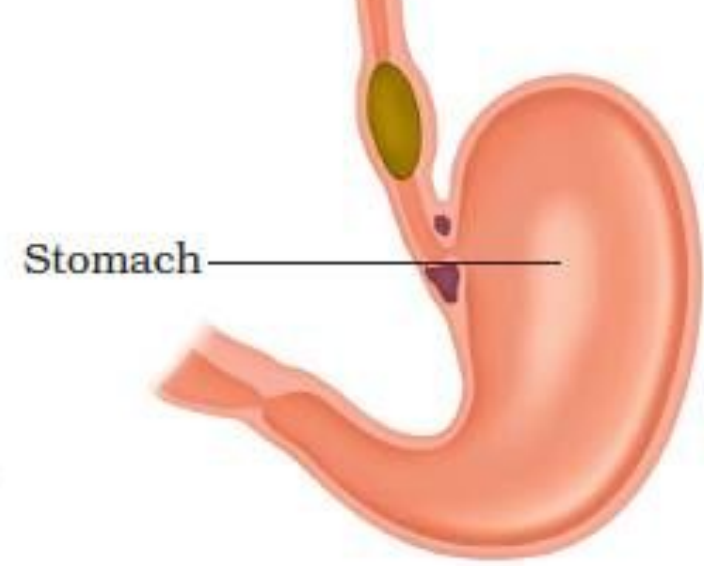
f. Anus

# PATH TAKEN BY THE FOOD THROUGH THE DIGESTIVE SYSTEM



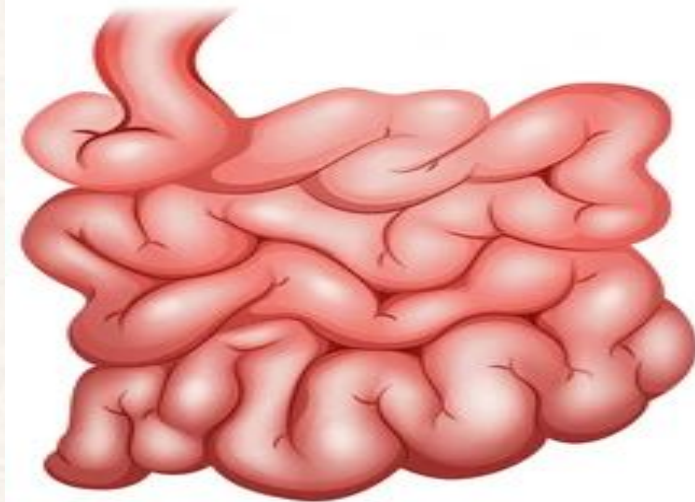
# STOMACH

- 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.



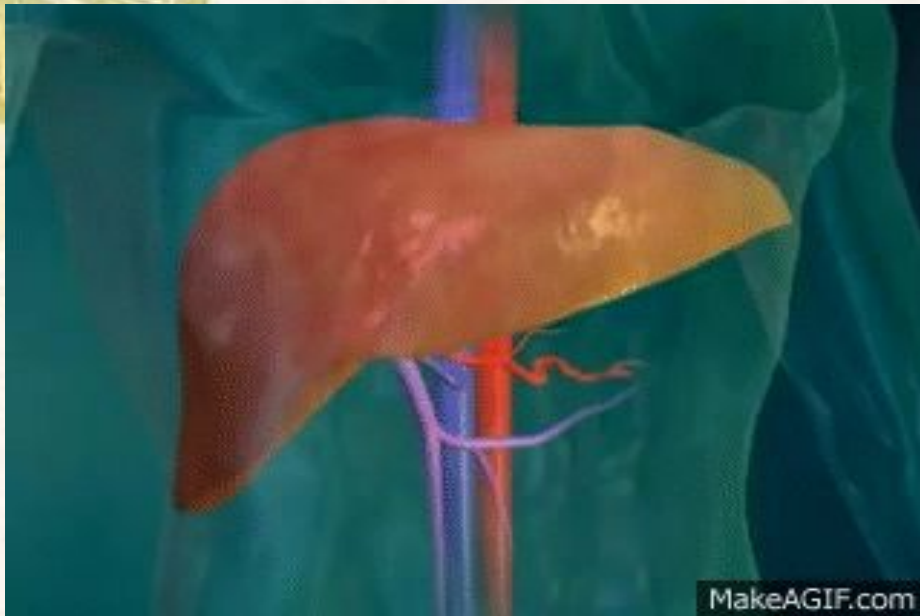
# SMALL INTESTINE

- 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.**



# 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

NOTES

Date

Subject

The background features a light cream-colored surface with a subtle, repeating pattern of lemons and leaves. The lemons are depicted in various shades of yellow and orange, some as whole fruits and others as slices showing their internal segments. The leaves are green with white vein patterns. The overall aesthetic is clean and fresh.

**1. Where does the food goes from the stomach?**

**ANS: Small intestine**

The background features a light cream-colored surface with a subtle, repeating pattern of lemons and leaves. The lemons are depicted in various shades of yellow and orange, some as whole fruits and others as slices showing their internal segments. The leaves are green with white vein patterns. The overall aesthetic is clean and fresh.

**2. Name the largest solid organ of your body.**

**ANS: Liver**

The background of the slide is a light cream color with a subtle, repeating pattern of lemons and citrus slices. The lemons are in various shades of yellow and orange, some whole and some sliced to show the internal segments. There are also green leaves scattered throughout. The text is written in a bold, red, sans-serif font.

**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.

The background features a light cream-colored textured surface. It is decorated with various illustrations of lemons and citrus slices in shades of yellow, orange, and green. Some lemons are whole, while others are sliced to show the internal segments. There are also green leaves and circular patterns resembling citrus cross-sections scattered throughout.

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**