

Revision Sheet | Lower Secondary Stage (6-8)

1st Semester | 2023-2024

Subject: Science

Chapter: Healthy diet and the digestive system

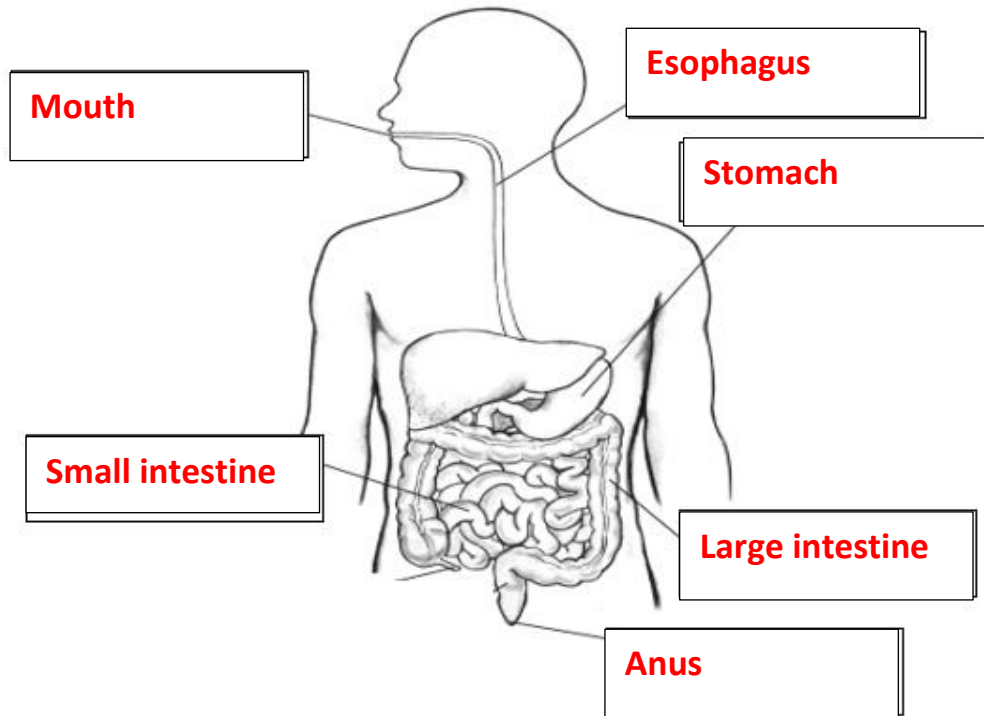
Objectives:

- To review the material covered in chapter 2.

Question One:

The following diagram shows the human digestive system.

Label its parts.



Question Two:

Describe the function of the following parts.

1- The mouth:

Teeth break down the food into smaller pieces (physical digestion).

Tongue mixes food with saliva, which partially digests the food (chemical digestion).

2- The small intestine:

Completely digests the food and turns it into tiny nutrients by different digestive juices. The walls of the small intestines absorb nutrients into the blood, then the blood transports it to all parts of the body.

Question Three:

Complete the following table regarding nutrients in food.

| Function | Nutrient |
|--|------------------------|
| Provides the body with quick energy. | Carbohydrates |
| Stored in the body as energy supply. | Fats and oils |
| Important for body growth, Muscles and cell repair. | Proteins |
| Important for healthy blood. | Iron |
| Helps food to pass easily through the small intestine. | Fibers |
| Important for vision. | Vitamin A |
| Boosts the immune system. | Vitamin C/ Zinc |
| Important for absorption of Calcium. | Vitamin D |
| Provides strong bones and teeth. | Calcium |

Question Four:

Explain the difference between Physical digestion (Mechanical digestion) and chemical digestion.

Mechanical digestion: By teeth which break down the food into smaller pieces

Chemical digestion: By saliva which contains enzymes that break down large food molecules into smaller ones.

Question Five:

In which parts of the digestive system are digestive juices produced?

What is the role of the digestive juices?

Small intestine and stomach.

Their role is to break down the food into simpler substances.