



**Our Vision:** Innovative education for a knowledge-based, pioneering, and global society.

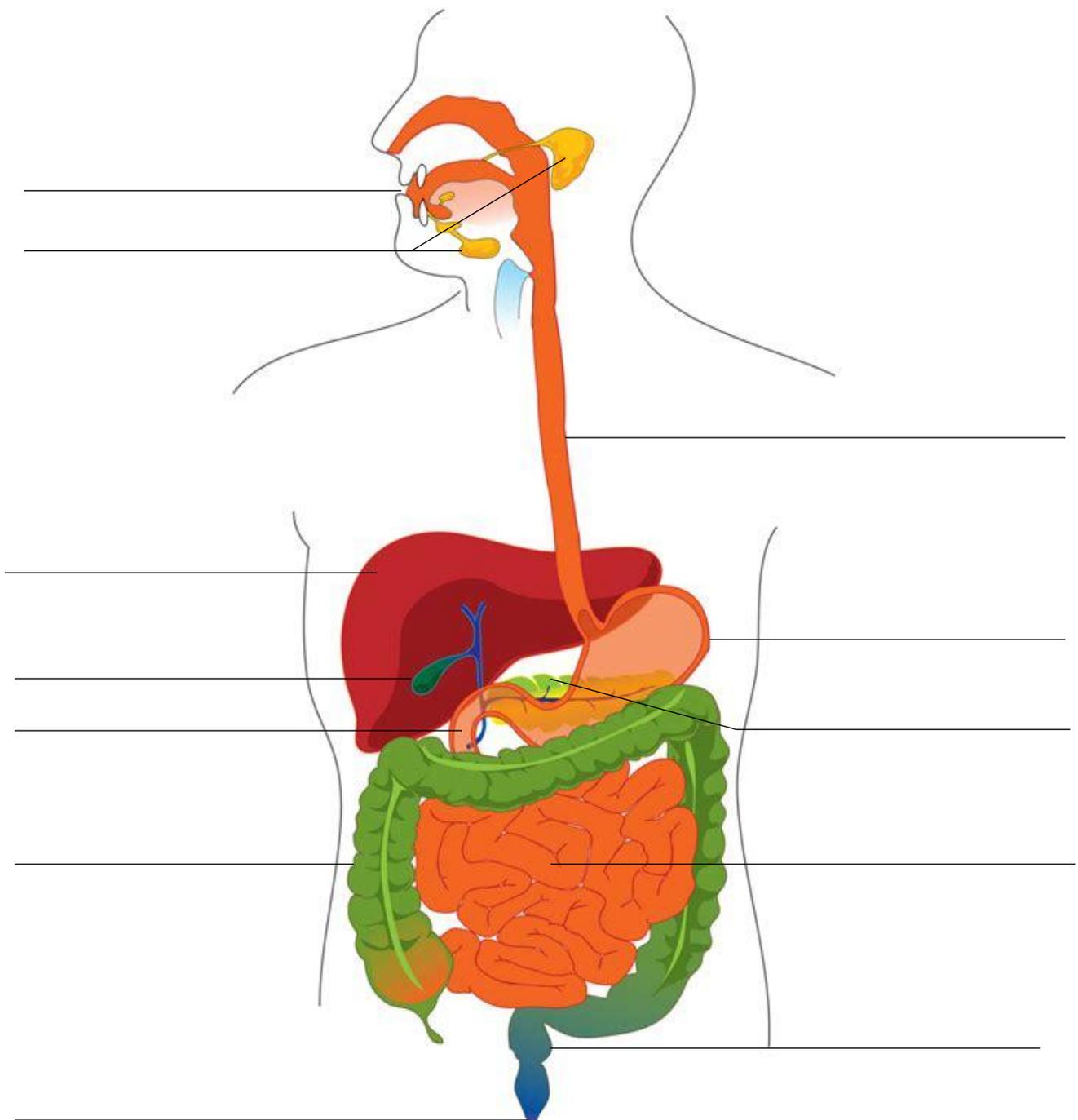
**Department of Science 2018 - 2019**  
**Second Term: Worksheet 3**  
**L-1.8 The Digestive System**

Grade 6.....

Name:.....

Date: ...../...../2019

**Q.1. Label the digestive system.**



**Q.2. Fill in the blanks.**

- a. Digestion starts in the \_\_\_\_\_ and ends with the \_\_\_\_\_.
- b. Bile produced by the liver is stored in the \_\_\_\_\_
- c. An elongated structure located at the back of the stomach is \_\_\_\_\_
- d. The first part of the small intestine is called \_\_\_\_\_
- e. The pulpy food, after mixing with the gastric juice in the stomach, moves into the small intestine and is called \_\_\_\_\_.

**Q.3. Complete the table.**

Organ	Produces	Main Function
Mouth		Digests starch
	Gastric juice	
Liver		Digestion and absorption of fats
Pancreas		

**Q.4. Read the passage and then answer the questions.**

The epiglottis is flap of muscle located at the back of the mouth. As you swallow food, the epiglottis covers the windpipe and stops food from entering it, and the food moves into the foodpipe. The foodpipe, also known as the oesophagus, is located between the mouth and the stomach. It is a tough, muscular tube that pushes food from the mouth to the stomach in wave-like motions called peristalsis. In the stomach, food is thoroughly mixed with digestive juices by a vigorous, to-and-fro churning motion. This motion is caused by contractions of strong muscles in the stomach walls.

- a- What is the foodpipe also known as? \_\_\_\_\_
- b- What stops the food from entering the windpipe? \_\_\_\_\_
- c- When food moves through the foodpipe, what is the wave-like contractions called?  
\_\_\_\_\_
- d- How is food mixed with the digestive juices in the stomach?  
\_\_\_\_\_

**Q.5. Answer the following questions.**

- a- What are the functions of saliva in the mouth?  
.....  
.....  
.....

b- What are the main functions of the large intestine?

.....

.....

.....

c- What would happen if the small intestine was removed from the body?

.....

.....

.....

**Q.6. Choose the best answer.**

1- What is the digestive system?

- A- The body's breathing system
- B- The body's system of nerves
- C- The body's food-processing system
- D- The body's blood-transporting system

2- Process of breaking down food into smaller molecules is known as

- A- digestion
- B- breakage
- C- crushing
- D- grinding

3- Digestion takes place in a long tube-like canal called the alimentary canal, or the digestive tract. Food travels through these organs in the following order:

- A- Mouth, oesophagus, stomach, small intestine, large intestine and rectum
- B- Mouth, oesophagus, stomach, large intestine, small intestine and rectum
- C- Mouth, stomach, oesophagus, small intestine, large intestine and rectum
- D- Mouth, stomach, oesophagus, small intestine, large intestine and rectum

4- Mechanical breakdown of food is due to

- A- hydrochloric acid
- B- pepsin
- C- chewing
- D- peristalsis

5- Chemical breakdown of food is because of

- A- chewing
- B- digesting
- C- acids and chemicals
- D- alkalis

6- Which of the following does NOT manufacture digestive juices?

- A- Liver
- B- Kidneys
- C- Stomach
- D- Pancreas

7- Entrance of germs in body due to contaminated food is known as

- A- bad entrance      B- food poisoning      C- staleness      D- Infected poisoning

8- Digestive track runs from

- A- mouth to rectum  
B- mouth to anus  
C- oesophagus to stomach  
D- stomach to anus

9- The first part of the small intestine is called

- A- duodenum      B- jejunum      C- colon      D- rectum

10- Removal of waste products from a body is known as

- A- egestion      B- ingestion      C- digestion      D- absorption

11- Stomach secretes gastric juice which contains

- A- sulphuric acid      B- hydrochloric acid      C- hydrochloric acid and enzymes

**Watch these links:**

<https://www.youtube.com/watch?v=rJS-Kh5wCQU> (epiglottis & peristalsis)

<https://www.youtube.com/watch?v=8YNH7nCVrbQ> (peristalsis)

<https://www.youtube.com/watch?v=x26C9AWeIes> (contractions of stomach walls)

<https://www.youtube.com/watch?v=Og5xAdC8EUI> (digestive system)

<https://www.youtube.com/watch?v=i5MH6ddyi74> (digestive system)

<http://www.vtaide.com/png/digest-mcq.htm> (mcq)