

Final Revision Sheet | Lower Secondary

Stage (6-8)

1st Semester | 2023-2024

Subject: Science

Chapter: 1, 2, 3.

Objectives:

- To review the material covered in unit 1,2 and 3.

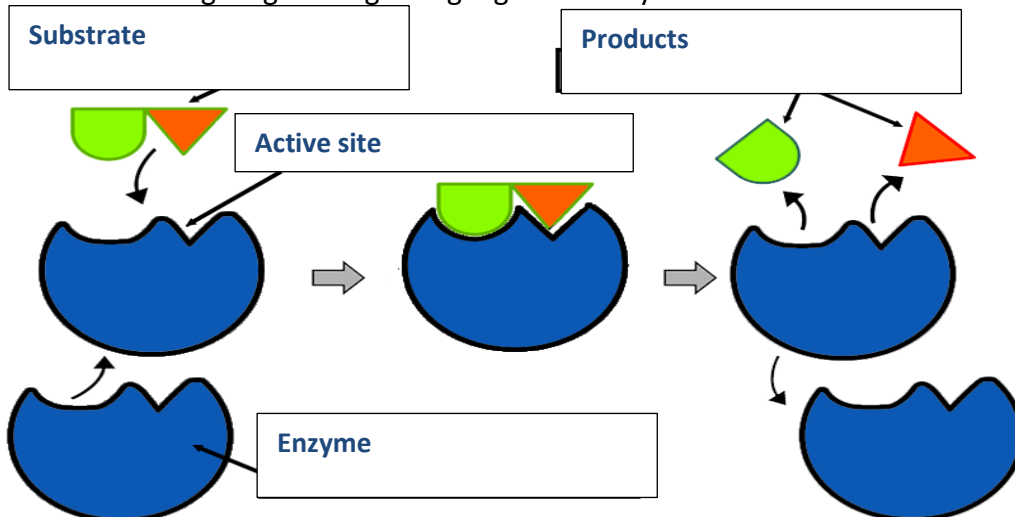
Question One:

Complete the following table regarding red blood cells and white blood cells.

Cell	Red blood cell	White blood cell
Nucleus	No nucleus	It has a nucleus
Shape	Disc shaped	Irregular shapes
Hemoglobin	Contains hemoglobin	Doesn't contain hemoglobin
Function	Carry oxygen around the body	Protection and fighting diseases

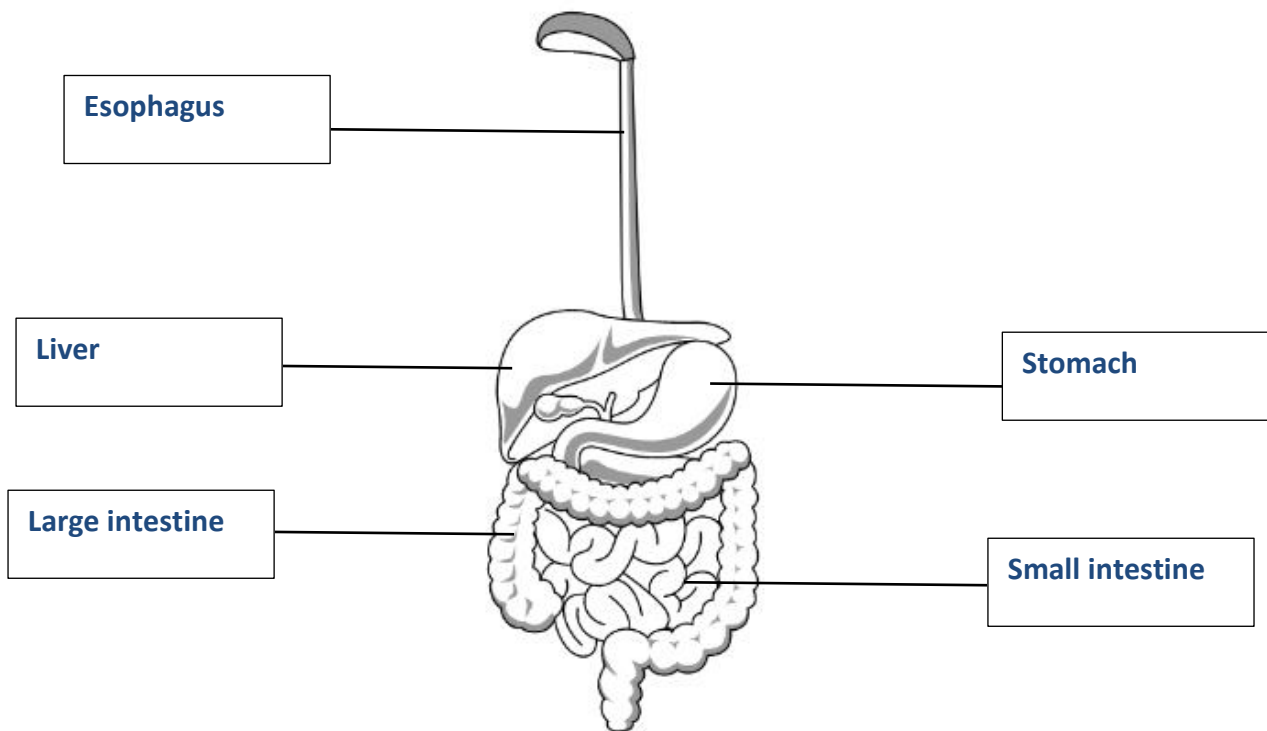
Question Two:

Label the following diagram regarding digestive enzymes



Question Three:

1- Label the following digestive system.

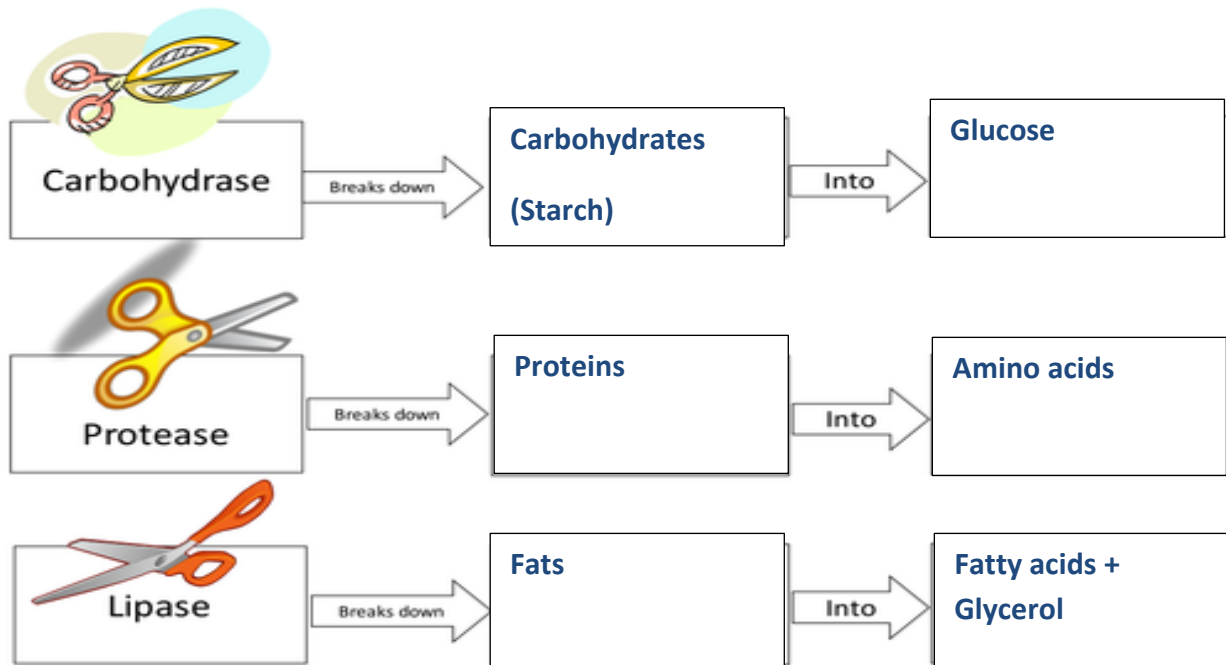


2- Complete the following table with the function of each organ.

Organ	Function
Stomach	A muscular organ that produces digestive juice and mixes it with the Food, the stomach squeezes and churns to turn the food into thick soupy liquid.
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.
Large intestine	Absorbs water and some minerals from the undigested food. It stores the undigested food until it passes out of the body.

Question Four:

Complete the following diagram regarding digestive enzymes.



Question Five:

There are different tests which can be used to detect carbohydrates, proteins and lipids.

Complete the following table with the correct reagent used and the observation.

Substance	Reagent	Observation
Carbohydrates	Iodine	Color turns into blue-black.
Proteins	Biuret	Color turns into purple.
Fats	Ethanol + cold water	Cloudy liquid is formed.