

PENANG SANGAM HIGH SCHOOL
YEAR 10 BASIC SCIENCE WORKSHEET 2021

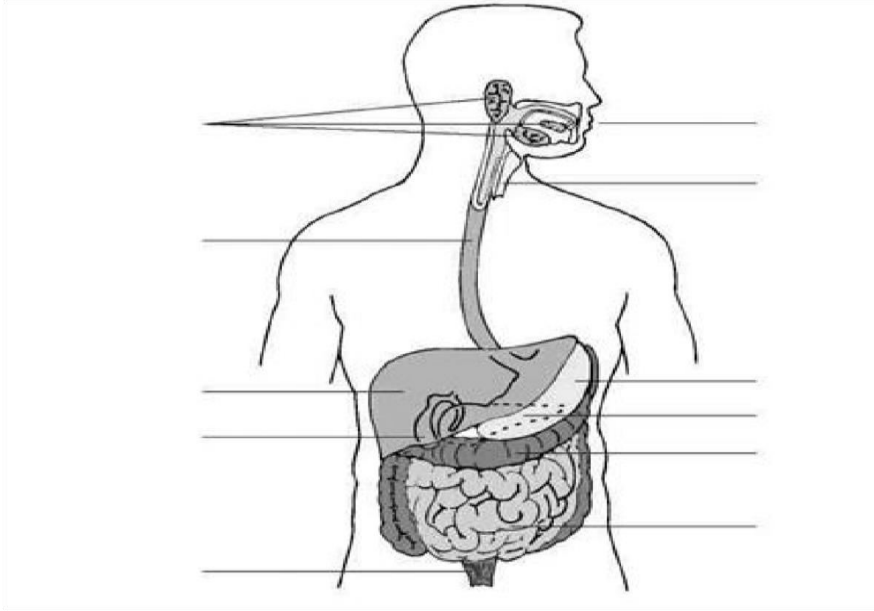
WEEK 3 (14/06 – 18/06)

1. The movement of Planaria towards food is known as positive
 - A. chemo taxis
 - B. biological clock
 - C. courtship display
 - D. circadian rhythms

2. Complete the table given below. (A – D)

Name of Organ	Function
A:	Food is chewed and mixed with saliva. Digestion begins in the mouth
1. Oesophagus (gullet)	Tube through which food passes from the mouth to the stomach
B:	Churning and mixing of food with digestive juices. Food mixed with gastric juice
2. Duodenum	Food is mixed with pancreatic juice and bile
C:	Food has been digested Absorption of useful products into the blood stream takes place here.
3. Large intestine (colon)	Absorption of water from undigested food. After water is absorbed, a semi-solid waste (faeces) is passed into the rectum.
D:	Temporary storage of waste (faeces)
4. Anus	Removal of waste from the body.

3. Label the drawing of the digestive system with the following structures: **mouth, oesophagus, stomach, liver, small intestine, and large intestine, salivary gland, rectum, pharynx, pancreas, gall bladder, anus**



4. During Pregnancy:

i. How is the body connected to the placenta?

ii. What does the body need from the mother in order to grow?

iii. How do the liquid wastes and carbon dioxide return from the baby to the mother?

iv. How long does the embryo stay in the uterus before it is born?

5. The heart has a set of valves.
Name the four valves?

i. _____

ii. _____

iii. _____

iv. _____

6. What happens to the amount of energy in the food chains from the producer to the highest level of consumer? Also give a reason for your answer.

Amount of energy: _____

Reason: _____

7. Ocean zone is divided based on things such as water depth, amount of sunlight and water temperature. Name the **four Oceanic Zones**.

1. _____

2. _____

3. _____

4. _____

...STAY SAFE... 

...THE END