

**PENANG SANGAM HIGH SCHOOL**  
**YEAR 10 BASIC SCIENCE WORKSHEET 2021**

**WEEK 6 (05/07 – 09/07)**

1. In males, the organ associated with production of the male gamete is  
**(Refer to notes on the Male Reproductive System)**
  - A. Testes
  - B. Penis
  - C. Ureter
  - D. Urethra
2. Which of the following is the most important organ of the human body?  
**(Refer to your knowledge on all human organs that you have studied in Year 10 Basic Science)**
  - A. Heart
  - B. Lungs
  - C. Kidney
  - D. Stomach
3. Mere wanted to see if bread contains starch or glucose. She added few drops of iodine solution on the bread. After some time, the color changed to bluish black. This indicated  
**(Refer to notes on Food Tests)**
  - A. Starch was present in the bread.
  - B. Glucose was present in the bread.
  - C. The bread did not contain starch.
  - D. The bread neither contains starch nor glucose.
4. Average depths of the ocean is **(Refer to notes on the Marine Ecosystem)**
  - A. 5000m
  - B. 7000m
  - C. 4000m
  - D. 1000m

5. Match the components of the blood **List A** with its respective function **List B**.  
**(Refer to notes on Blood)**

<b><u>List A</u></b>		<b><u>List B</u></b>	
i)	Blood	-----	a) gives the blood red color and transports oxygen.
ii)	Plasma	-----	b) made up of solid and liquid components.
iii)	Red Blood Cell	-----	c) are larger in size and helps to fight infections
iv)	Platelet	-----	d) is the liquid part of blood.
v)	White Blood Cell	-----	e) tiny cells responsible for clotting blood.

6. **Refer to notes on Food Chain to answer the questions below:**

Read the extract given below regarding food chain and answer the following questions.

The leaves of a tree were sprayed with a poison to kill the beetles that were eating the leaves. Some leaves rotted on the ground and were eaten by earthworms. The earthworms were later eaten by a mynah bird which then became poisoned too.

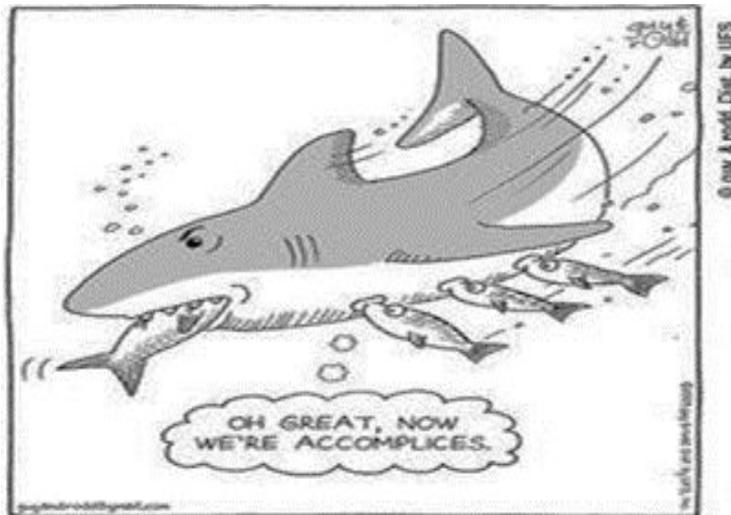
- i. Complete the food chain below to show how the poison sprayed on the leaves also poisoned the mynah bird.



- ii. What was the pest in the extract given above?  
iii. What was the habitat of the earthworm?

7. **Refer to notes on Symbiotic Relationships to answer the questions below:**

Refer to the diagram that shows symbiotic relationships to answer the questions that follow.



- i. Name the two types of relationships shown in the diagram above.  
ii. Is the shark affected in either of the relationships listed above? Give a reason for your answer.
8. Complete the following food tests:

- i. Starch broken down into \_\_\_\_\_  
ii. Proteins broken down into \_\_\_\_\_  
iii. Fats broken down into \_\_\_\_\_

**Refer to notes on Digestion and Absorption**

...STAY SAFE...



