

PENANG SANGAM HIGH SCHOOL

WEEK 2 (07/06 - 11/06)

1. In order to survive, an essential food used by the plant to carry out its important functions is
A. Carbohydrate. B. Soil.
C. Sunlight. D. Mosses.
2. The diagram shows a cross section of a stem. Which part carries water and nutrients up the plant?
A. Skin. B. Pith.
C. Xylem. D. Phloem.
3. The function of the phloem in stems is
A. to carry food and solution down the plant.
B. to carry water up the plant.
C. to carry the waste products of the plant.
D. to help in the germination of plants.
4. Plants need water for
A. reproduction. B. growth.
C. photosynthesis. D. cell division.
5. Which two factors affect photosynthesis?
A. Light intensity and air pressure.
B. Concentration of carbon dioxide and temperature.
C. Water and pollination.
D. Fertilization and pollination.
6. A plant has many parts which helps them to function properly.

List **two** functions that stems play in helping plants to function properly.





1 _____

2 _____

1. Name a stain that can be used for: Plant cell: _____

Animal cell: _____

2. Complete the table by stating the meaning of the following symbols.

Symbol				
Meaning				

3. State two general safety rules while working in a laboratory.

i.

ii.

4. State one difference between the blue flame and yellow flame in a Bunsen burner.

ESSAY :

With reference to the question below, use a blank page to write an essay using 150 – 200 words.

When working in the laboratory, you will be expected to use a number of equipment when conducting your experiments. The two equipment you will often use at this level are the Microscope and the Bunsen burner.

With reference to the above statement:

- **Define** microscope
- **Discuss** the **three types of microscope** studied in Year 9 this year
- Discuss **four ways in caring** for microscopes.



...STAY SAFE...