SUVA SANGAM COLLEGE

YEAR 9

BASIC SCIENCE

WORKSHEET 3

Question 1

The rate of water loss by a plant is found by measuring how far the bubble travels along the tube. Solomoni set up an experiment to compare the amount of water lost by the plant when it is placed in the light and also in the dark as well. The result was recorded and shown in the table below.

Time (mins)	Distance water travelled along the tube(mm)	
	In light	In dark
0	0	0
5	10	2
10	20	4
15	28	5
20	38	8
25	50	10

i) Plot the two graphs from the given results. Make sure you have a title for the graph, correct labels for the x and y- axis, and have equal calibrations or equal intervals for your graphs too.

ii) Which apparatus did Solomoni used to calculate the rate of water lost from the leaves?

iii) Which process is Solomoni trying to investigate?
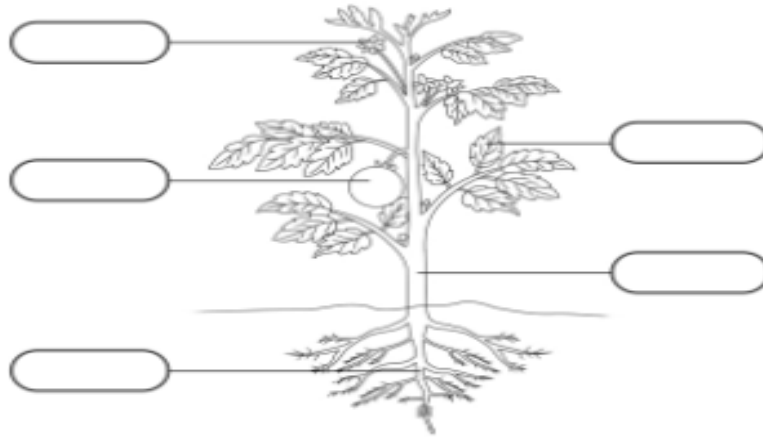
Question 2

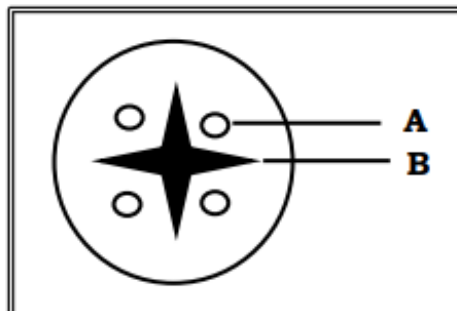i) Given below is a diagram of a plant

Label the parts of the plant

Word Box
Stem   Root   Leaf   Fruit
Flower

ii) State two function of the roots

Question 3   The diagram given below shows an internal structure of a root.

Name the parts labeled A and B