

Plant Systems

Answer **ALL QUESTIONS**. Answer the following questions in the spaces provided.

1. Match the statements in Column A with the correct words in Column C and write the answers in the spaces in Column B.

COLUMN A	COLUMN B	COLUMN C
a. Plants that have flowers.		Ciku
b. Example of edible fruit.		Stigma
c. The structure that makes pollen.		Flowering plant
d. The part of a plant that grows upwards.		Stem
e. The part of a plant that absorbs water and minerals from the soil.		Anther
		Roots
		Angsana

(5 marks)

2. Write 'T' for every true statement and 'F' for every false statement in the answer space below.

a. Photosynthesis is the process when the green leaves make food for the plant in the presence of water, carbon dioxide and sunlight. _____

b. The petals of the flower are often brightly coloured to attract insects. _____

c. The ovary of a flower becomes the seeds. _____

d. The pistil has the stigma, style and petal. _____

e. The shoot is the main part of the root system. _____

(5 marks)

3. Fill in the blanks using the correct words given below.

fibrous	sepal	root	pistil	fertilizers
flower	ovules	pollen	downwards	photosynthesis
air	stamen	inedible	tomato	two

- a. There are _____ systems in a plant.
- b. The _____ is used in the reproduction of flowering plants.
- c. To make plants grow well, we add _____.
- d. The _____ in some flowering plants may later become a fruit.
- e. Water, sunlight and _____ are the important things needed for the plant to grow.
- f. The _____ consists of the stigma, style and ovary.
- g. The _____ protects the flower at the bud stage.
- h. The ovary contains _____, which are the female egg cells.
- i. _____ is the male part of the flower.
- j. The _____ system consists of roots and root hairs.
- k. The process by which plants make food is called _____.
- l. An onion plant has _____ roots.
- m. Fruits that cannot be eaten by people are called _____ fruits.
- n. The roots of plants usually grow _____.
- o. An example of fleshy fruit is _____.

(15 marks)