

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 Stigma Flowering plant Stem Anther Roots Angsana |
| b. Example of edible fruit. | | |
| c. The structure that makes pollen. | | |
| d. The part of a plant that grows upwards. | | |
| e. The part of a plant that absorbs water and minerals from the soil. | | |

(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)