

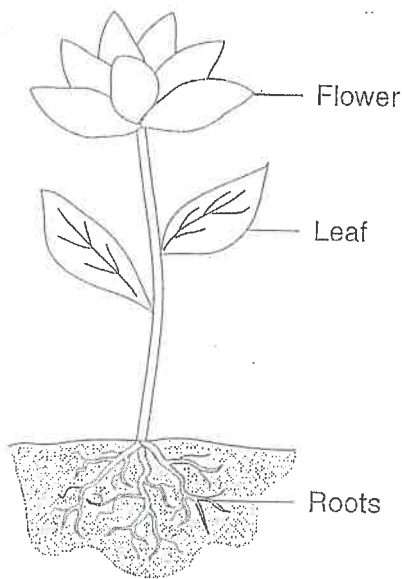
Name: _____

QUICK FIRE CHALLENGE #3

- 1) The function of a plants roots are to support the plant and
 - a) Make food
 - b) Produce fruit
 - c) Take in water and nutrients
 - d) Aid in germination

- 2) The main function of a tree's trunk is to provide
 - a) air
 - b) fruit
 - c) sunlight
 - d) support

33 The diagram below shows three parts of a plant.

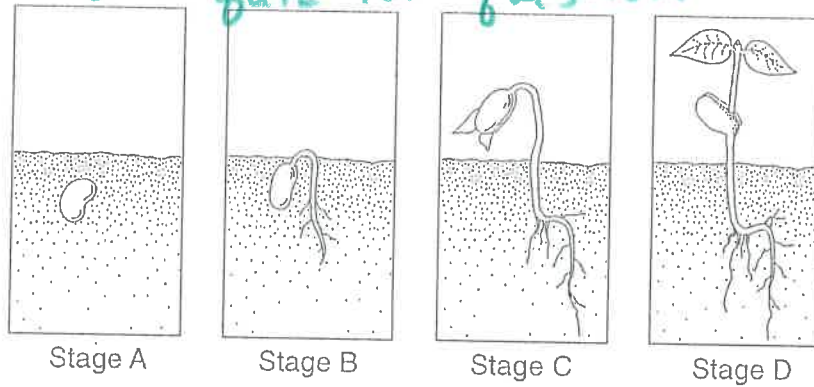


Complete the chart below by matching each plant part with its function. [2]

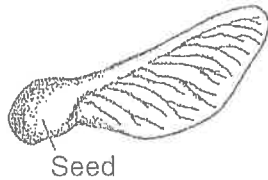
Function	Plant Part
uses sunlight to make food	3A
takes in water and nutrients	3B
produces seeds	3C

4 The diagram below shows the stages of development of a plant.

See quiz for question



5 The diagram below shows the seed of a maple tree.

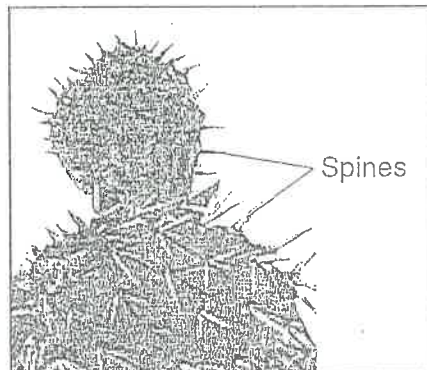


How is this seed most likely dispersed?

- A It is carried by the wind.
- B It floats in moving water.
- C It passes through an animal's digestive system.
- D It sticks to an animal's fur.


6 What is the main function of the spines on the prickly cactus plant shown in the diagram below?

QF 3

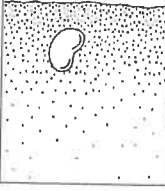

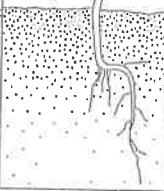
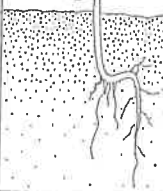


Source: www.desertusa.com (adapted)

- A to make food
- B to provide shade
- C to attract animals
- D to protect the plant

7  The diagram below shows the growth and development of a bean seed into a plant.

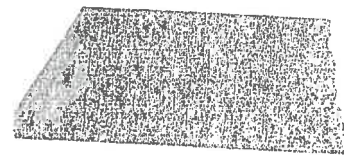
Growth and Development of a Bean Seed into a Plant


Stage	A	B	C	D
Length (cm)	0.6 cm	2.0 cm	7.0 cm	11.0 cm
Appearance of Seed/Plant				

(Not drawn to scale)

How much has the bean plant grown from stage *B* to stage *D*? [1]

_____ cm



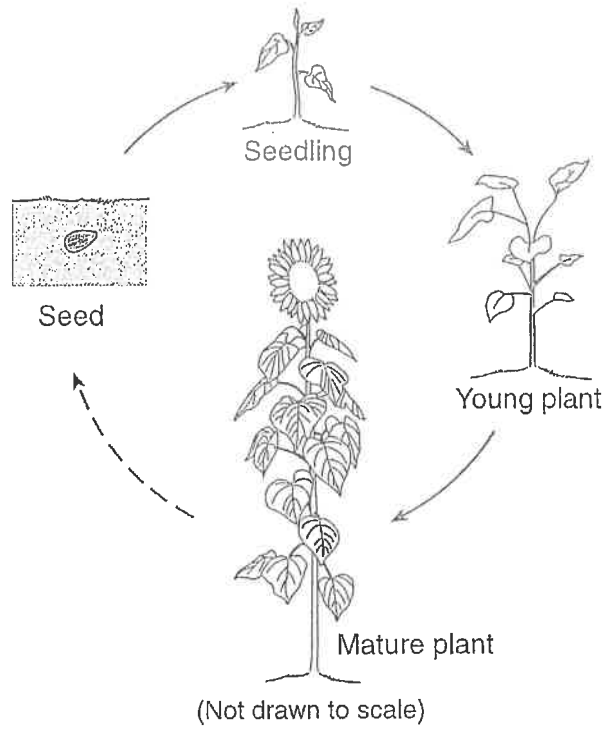
8  The chart below shows the main functions of some green plant structures. Complete the chart by identifying the structure that performs each function. The green plant structure in the first row is shown. [2]

Main Functions of Some Green Plant Structures

Main Function	Green Plant Structure
supports the plant	stem
produces food for the plant	A
takes in water and nutrients	B
produces seeds	C

#9

Base your answers to questions 41 through 43 on the diagram below, which shows four stages in the life cycle of a green plant.



QF 3

9A ~~41~~ Germination happens between which two stages? [1]

_____ and _____

9B ~~42~~ In which stage are seeds produced? [1]

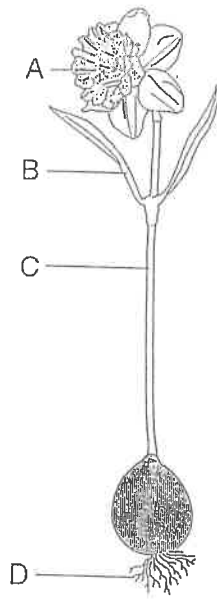
9C ~~43~~ List ~~two~~ ^{ONE} things green plants need to grow and thrive. [1]

(1) _____

(2) _____

10 Which letter in the diagram below points to the plant structure that takes in water and nutrients?

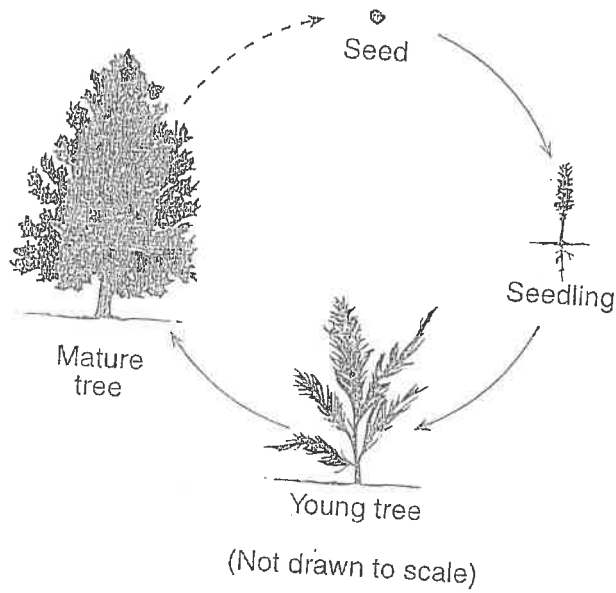
QF3



- A A
- B B
- C C
- D D

11 The diagram below shows the growth of a tree.

QF3



This diagram represents a

- A food chain
- B food supply
- C life span
- D life cycle

