18. Why are water and minerals important for a plant?

	Water	Minerals
(1)	To keep a plant alive	To ensure healthy plant growth
(2)	To ensure healthy plant growth	To keep a plant alive
(3)	To allow a plant to make food	To allow a plant to release energy
(4)	To allow a plant to release energy	To allow a plant to make food

( )

19. Some roots, such as those of the mangrove tree and money plant, have specific functions besides absorbing water.

Mangrove tree

Money plant

What are the functions of their roots?

	Mangrove tree	Money plant
(1)	Hold on to a support	Allow the plant to breathe
(2)	Allow the plant to breathe	Hold on to a support
(3)	Remove waste substances	Give the plant its shape
(4)	Give the plant its shape	Remove waste substances

( )

20. Which plant stores food made by its leaves in its roots?

(1) 
Balsam plant

(2) 
Banyan tree

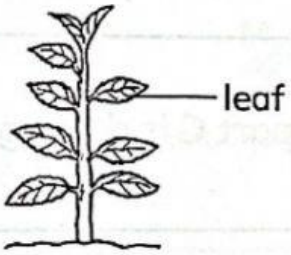
(3) 
Carrot

(4) 
Money plant

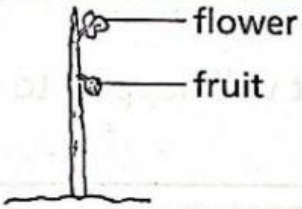
( )

Study the following information and answer questions 21 and 22.

Jacob carries out the following experiment in a garden to find out how leaves affect the survival of plants. He waters the plants daily.



A



B

21. What will he observe after two weeks?
(1) Plant A will stay alive while plant B will die.
(2) Plant A will die while plant B will stay alive.
(3) Both plants will stay alive.
(4) Both plants will die.

( )

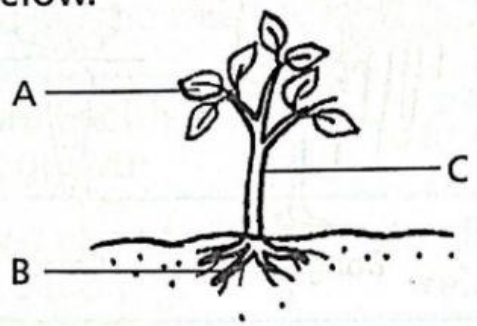
22. Jacob's teacher tells him that his experiment is not fair. Why?
(1) The presence of leaves is not kept the same.
(2) The presence of flowers and fruit is not kept the same.
(3) Plants without roots should be chosen for the experiment.
(4) Plants without stems should be chosen for the experiment.

( )

Section B: Open-ended questions

Write your answers in the spaces provided.

1. Study the plant below.



(a) Name parts A, B and C.

A: _____

B: _____

C: _____

2. The following shows part of a plant.

Part/Name/Function

X:_____:_____

Y:_____:_____

Z:_____:_____