

SCIENCE

NAME:

GRADE: III.

DATE: 26.7.22

2. The World of Green

I. ANSWER THE FOLLOWING

1. Write one similarity and one difference between climber and creeper.

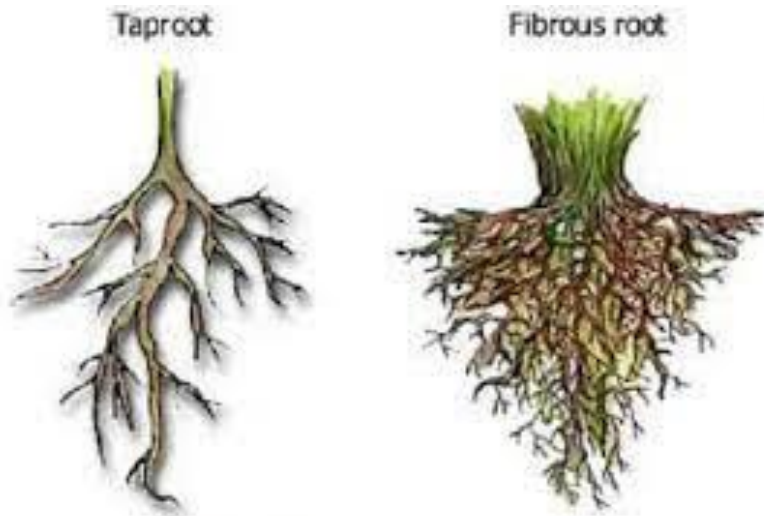
Similarity	Difference
Both have weak stem that cannot grow upright.	Climbers depend on other structures on plants for support but creeper can creep on the ground without extra support.

2. Describe the functions of the stem in a plant.

- Stem carries water and minerals (absorbed by the roots) to all other parts of the plant.
- Stem carries food made by leaves to all parts of the plant.

3. Using diagram, describe the different types of root system.

Root system



Tap root

Fibrous root

Tap root	Fibrous root
These are large roots growing downwards from the end of the stem into the soil.	These roots have a number of thin roots arising from the end of the stem growing into the soil.
Smaller root develops from this main root.	All the roots are in the same size.

4 .Write at least one distinct feature of a

TREE:

Plants with a big, thick and strong stem, which has a hard protecting outer covering called the **bark**.

SHRUB

Plants with a thick, woody stem that are bigger than Herbs and appear bushy.

CLIMBER

Plants with a weak stems that need support to grow.

5. Write at least two difference between a shrub and a tree.

SHRUB	TREE
Smaller than trees, usually medium sized	Trees grow very tall.
Do not have bark,	Trees have hard protective outer covering stem called bark.

6. Veena was arranging some potted plants in her garden. She had two spots left- one at the corner near the fence, and the other at the Centre of the garden .She had two pots left-one with a rose plant and the other the pea plant. Which spot among the two do you think is suitable for each of the plants? Why?

- Pea plant pot can be placed at the corner near the fence because it is a climber. It cannot grow upright on its own and need support.
- Rose plant can be placed at the center of the garden, because it is a shrub and does not need any support to grow upright.