

1

Parts of Plants

⇒ Assignment 1 ⇐

A. Cross (X) the correct answer.

- Which of the following plants has a tap root?
 - Grass
 - Mango tree
 - Paddy
 - Corn
- A thick, strong, and woody stem is called a _____.
 - leaf
 - root
 - trunk
 - branch

3. Look at the picture.

The plant in the picture has stems that grow below the ground. These are called _____.

- underground stems
 - tap roots
 - fibrous root
 - weak stems
- The green substance in leaves that helps them make food is _____.
 - stomata
 - petiole
 - chlorophyll
 - midrib



B. Fill in the blanks with the correct words below.

stomata

flower

small

buds

stem

1. The tap root consists of a main thick root and many _____ roots that grow from it.
2. The stalk of a plant is called the _____.
3. Tiny pores on the surface of leaves that help in gas exchange are called _____.
4. Flowers grow from flowering _____.
5. The part of the plant that attracts insects and helps in pollination is the _____.

C. Find and circle six hidden words from the letters in the box. The words can be arranged horizontally or vertically. The words you are looking for are parts of plants.

S	D	G	T	Y	U	L	S	Q	V	C	E	P
H	F	R	U	I	T	G	T	H	X	Z	S	O
J	L	P	X	C	T	K	E	Q	S	R	T	H
K	O	J	H	J	L	E	A	F	R	N	G	O
L	W	K	R	H	J	Y	M	X	A	K	Q	N
S	E	E	D	F	Z	O	R	C	V	U	W	E
W	R	L	Y	B	E	U	K	L	R	O	O	T
T	H	M	P	V	E	R	Q	P	D	F	L	I

D. Answer the following questions.

1. A leaf is also called the kitchen of the plant. Why is that?
What process takes place in this part?

2. Which parts of a plant that can store food? Give examples of the plants.

3. Why are most leaves green in colour?

4. A fern does not have flowers. How does this plant reproduce?

5. Explain the process of seed germination.

Assignment 2

A. Cross (X) the correct answer.

- The plant that has roots like the ones shown in the picture is _____.
 - tomato
 - sugarcane
 - mango tree
 - carrot
- Which of the following is **not** a part of the shoot system?
 - Stem
 - Leaf
 - Flower
 - Root
- Which of the following plants has a weak stem and needs support to grow?
 - Banyan tree
 - Mango tree
 - Money plant
 - Bamboo
- Besides making food, leaves also help the plant to _____.
 - breathe
 - store food
 - absorb water
 - reproduce
- Which of the following is a seed that we **cannot** eat?
 - Rice
 - Corn
 - Apple seed
 - Peas



B. Fill in the blanks with the correct words below.

edible

photosynthesis

seeds

stem

petiole

1. Tap root consists of a main thick root which grows from the end of the _____.
2. The stalk of a leaf is called the _____.
3. Seeds that can be eaten are called _____ seeds.
4. The product of _____ is transported by the stem to all parts of the plant.
5. Fruits carry and protect the _____ inside them.

C. Write 'T' for true statements and 'F' for false ones in the boxes.

1. An onion plant has fibrous root.
2. Pea have weak stems, so they need support.
3. The leaves do not need energy for making food.
4. Mustard and coriander seeds can be used as spices.
5. A seed only needs water to grow into a young plant.
6. All plants grow from seeds.
7. Ginger have stems that grow below the ground.
8. Most leaves are green because they contain chlorophyll.
9. All seeds are edible and can be eaten safely.
10. The leaves of some plants store food, such as spinach.

D. Draw lines to match the plant parts and its function.

1. Root

The exchange of gases and release excess water

2. Stem

Produce new plants

3. Leaf

Attracts animals for pollination

4. Flower

Absorb water and nutrients from the soil

5. Seed

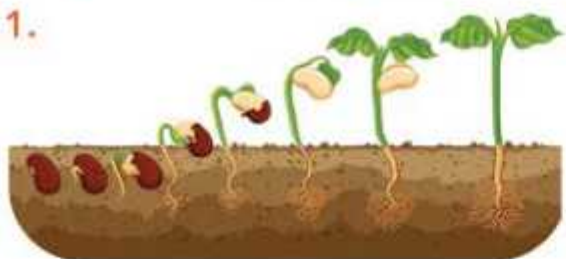
Carries minerals and water from the roots to the leaves and also transports food from the leaves to different parts of the plant

- E. Draw a plant with all its parts. Point to each part with arrows and write its name.

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F. Compare these two pictures, then write down the differences.

1.

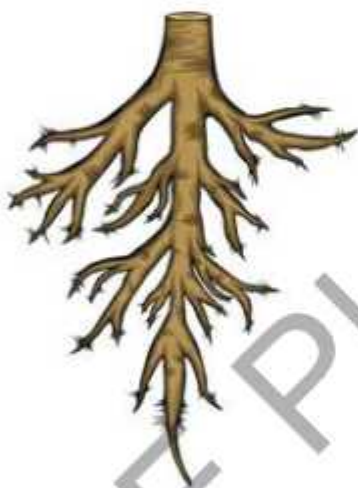


(a)



(b)

2.



(a)



(b)

F. Answer the following questions.

1. Explain the two main systems of a plant and write the parts included in each system.

2. What is the most attractive part of a plant, and what is its function?

3. What is the function of the tiny pores in a leaf?

4. List some edible roots.

5. When does a seed grow into a young plant?
