

Getting to Know Plants

Question 1.

..... is the part of the stem between two nodes.

- (a) Node
- (b) Midrib
- (c) Internode
- (d) Veins

▼ [Answer](#)

(c) Internode

Internode is the part of the stem between two nodes.

Question 2.

The arrangement of leaves at a node is:

- (a) Phyllotaxy
- (b) Stamen
- (c) Petals
- (d) Sepals

▼ [Answer](#)

(a) Phyllotaxy

The arrangement of leaves at a node is phyllotaxy.

Question 3.

The root absorbs water from the:

- (a) Stem
- (b) Soil
- (c) Branches
- (d) Flower

▼ [Answer](#)

(b) Soil

The root absorb water from the soil.

Question 4.

The out side the soil gives support to the branches of the plants and trees due to which they do not break.

- (a) Stem
- (b) Soil
- (c) Branches
- (d) Roots

▼ [Answer](#)

(d) Roots

The roots outside the soil give support to the branches of the plants and trees due to which they do not break.

Question 5.

Name plants which have roots outside the soil.

- (a) Sugarcane
- (b) Money plant
- (c) Banyan
- (d) All of these

▼ [Answer](#)

(d) All of these

Sugarcane, money plant and banyan have roots outside the soil.

Question 6.

Which part of the plant joins leaf and root ?

- (a) Branches
- (b) Buds
- (c) Flowers
- (d) Stem

▼ [Answer](#)

(d) Stem

Stem joins leaf and root.

Question 7.

Those roots come out from the base of stem is:

- (a) Taproot
- (b) Fibrous roots
- (c) Veins
- (d) None of these

▼ [Answer](#)

(b) Fibrous roots

Fibrous roots come out from the base of stem.

Question 8.

The branches of this root arise from a thick structure under the ground are:

- (a) Taproot
- (b) Fibrous roots
- (c) Veins
- (d) None of these

▼ Answer

(a) Taproot

The branches of this root arise from a thick structure under the ground are taproot.

Question 9.

A process in which water comes out from the leaves in the form of vapour is:

- (a) Photosynthesis
- (b) Transpiration
- (c) Venation
- (d) Conduction

▼ Answer

(b) Transpiration

Transpiration is a process in which water comes from the leaves in the form of vapour.

Question 10.

In leaves the veins run parallel to each other in:

- (a) Reticulate venation
- (b) Parallel venation
- (c) Both (a) and (b)
- (d) None of these

▼ Answer

(b) Parallel venation

In leaves the veins runs parallel to each other in parallel venation.

Question 11.

The leaf has a network of veins on both sides of the midrib in:

- (a) Reticulate venation
- (b) Parallel venation
- (c) Both (a) and (b)
- (d) None of these

▼ Answer

(a) Reticulate venation

The leaf has a network of veins on both sides of the midrib in reticulate venation.

Question 12.

The swollen part of the pistil is:

- (a) Ovules
- (b) Petals
- (c) Ovary
- (d) Sepals

▼ [Answer](#)

(c) Ovary

The swollen part of the pistil is ovary.

Question 13.

Flowers that have stamens and no pistils are:

- (a) Male flowers
- (b) Female flowers
- (c) Both (a) and (b)
- (d) None of these

▼ [Answer](#)

(a) Male flowers

Flowers that have stamens and no pistil are male flowers.

Question 14.

Those flowers have both segments and pistils are:

- (a) Bisexual
- (b) Unisexual
- (c) Stamen
- (d) None of these

▼ [Answer](#)

(a) Bisexual

Flowers that have both segments and pistil are bisexual.

Question 15.

Pollen grains are produced in:

- (a) Stamen
- (b) Anthers
- (c) Pistil
- (d) All of these

▼ [Answer](#)

(b) Anthers

Pollen grains are produced in anthers.

Question 16.

Write down the name of two small plants growing in your neighbourhood.

- (a) Neem
- (b) Tulsi
- (c) Peepal
- (d) Money plant

▼ [Answer](#)

(b) Tulsi, (d) Money plant

Tulsi and money plant are small plants.

Question 17.

Write down the name of two big plants.

(a) Neem

(b) Tulsi

(c) Peepal

(d) Money plant

▼ [Answer](#)

(a) Neem, (c) Peepal

Neem and peepal are big plants.

Question 18.

Those plants have a green and soft stem are called:

(a) Trees

(b) Herbs

(c) Shrubs

(d) None of these

▼ [Answer](#)

(b) Herbs

Those plants have a green and soft stem are called herbs.

Question 19.

Those plants have branches arising from the base of the stem and their stem is hard and woody are called:

(a) Trees

(b) Herbs

(c) Shrubs

(d) None of these

▼ [Answer](#)

(c) Shrubs

Some plants have branches arising from the base of the stem and their stem is hard and woody are called shrubs.

Question 20.

The plants which have a hard, brown and thick stem and have branches arising from the upper part of the stem are called:

(a) Trees

(b) Herbs

- (c) Shrubs
- (d) None of these

▼ [Answer](#)

- (a) Trees

Some plants have a hard, brown and thick stem and have branches arising from the upper part of stem are called trees.

Question 21.

Plants with weak stem that cannot stand upright and spread on the ground are called:

- (a) Trees
- (b) Creepers
- (c) Plants
- (d) All of these

▼ [Answer](#)

- (b) Creepers

Plants with weak stem that cannot stand upright and spread on the ground are creepers.

Question 22.

The process by which water and minerals travel up the stem is called:

- (a) Photosynthesis
- (b) Venation
- (c) Transpiration
- (d) Conduction

▼ [Answer](#)

- (d) Conduction

The process by which water and minerals travel up the stem is called conduction.

Question 23.

The part of a leaf by which it is attached to the stem is called:

- (a) Petiole
- (b) Veins
- (c) Lamina
- (d) None of these

▼ [Answer](#)

- (a) Petiole

The part of a leaf by which is attached to the stem is called petiole.

Question 24.

The broad green part of the leaf is called:

- (a) Petiole

- (b) Veins
- (c) Lamina
- (d) None of these

▼ [Answer](#)

(c) Lamina
The broad green part of the leaf is called lamina.

Question 25.

Line like structures can be seen on the surface of leaves are called:

- (a) Petiole
- (b) Veins
- (c) Lamina
- (d) None of these

▼ [Answer](#)

(b) Veins
Line like structures can be seen on the surface of leaves are called veins.

Question 26.

The distribution of veins in the leaves is:

- (a) Midrib
- (b) Veins
- (c) Leaf venation
- (d) Node

▼ [Answer](#)

(c) Leaf venation
The distribution of veins in the leaves is leaf venation.

Question 27.

The thick vein in the middle of the leaf is:

- (a) Midrib
- (b) Veins
- (c) Leaf venation
- (d) Node

▼ [Answer](#)

(a) Midrib
Midrib is the thick vein in the middle of the leaf.

Question 28.

..... are joints on stem from which leaves or branches arise.

- (a) Midrib

- (b) Veins
- (c) Leaf venation
- (d) Node

▼ Answer

- (d) Node

Node are joints on stem from which leaves or branches arise.

Match the following:

Question 1.

Column-A	Column-B
1. Bigger plants	(a) Veins
2. Smaller plants	(b) Petiole
3. Stand upright	(c) Herbs
4. A leaf attached to stem	(d) Creepers
5. Line like structures	(e) Trees

▼ Answer

Column-A	Column-B
1. Bigger plants	(e) Trees
2. Smaller plants	(c) Herbs
3. Stand upright	(d) Creepers
4. A leaf attached to stem	(b) Petiole
5. Line like structures	(a) Veins

Correct the following statements:

Question 1.

Stem absorbs water and mineral from the soil.

▼ Answer

Incorrect

Question 2.

Leaves hold the plant upright.

▼ Answer

Incorrect

Question 3.
Roots conduct water to the leaves.

▼ [Answer](#)

Incorrect

Question 4.
The number of petals and sepals in a flower is always equal.

▼ [Answer](#)

Incorrect

Question 5.
If the sepals of a flower are joined together, its petals are also joined.

▼ [Answer](#)

Correct

Question 6.
If the petals of a flower are joined together, then the pistil is joined to the petal.

▼ [Answer](#)

Correct

State whether True or False:

Question 1.
Flowers are food factories of the plants.

▼ [Answer](#)

False

Question 2.
Seed develops from a fertilized ovule.

▼ [Answer](#)

True

Question 3.
The walls of the ovary develops into pericarp.

▼ [Answer](#)

True

Question 4.
Transpiration occurs through roots.

▼ [Answer](#)

False

Question 5.
Leaves are arranged in a pattern called venation.

▼ [Answer](#)

True

Fill in the blanks:

Question 1.
..... are the biggest plant.

▼ [Answer](#)

Trees

Question 2.
The water goes to leaves and other plant parts attached to the stem through tube inside the stem.

▼ [Answer](#)

narrow

Question 3.
Green stems manufacture food for the plant by

▼ [Answer](#)

photosynthesis

Question 4.
The broad green part of the leaf is called

▼ [Answer](#)

lamina

Question 5.

The structure frame work of the leaf is due to the

▼ [Answer](#)

veins

Question 6.

The main stem of the trees is called

▼ [Answer](#)

trunk

Question 7.

The shoot system grows above the of the soil.

▼ [Answer](#)

ground surface

Question 8.

Roots binds the soil, avoiding

▼ [Answer](#)

soil erosion

Question 9.

Thorns are modified

► [Answer](#)

Question 10.

Tendrils give to the plant.

▼ [Answer](#)

support
