

PLANTS: PARTS AND FUNCTIONS

QUIZ 4:

1. _____ is an organ of a plant that is specialized for photosynthesis.
2. Leaves collect sunlight and turn that sunlight into food or sugar for the plant.
 - True
 - False
3. A typical leaf consists of three main parts. They are _____, _____ and _____.
4. _____ is the green expanded part of the leaf with veins and vein lets.
 - a. Lamina
 - b. Petiole
 - c. Nodes
 - d. None of the above
5. Veins provide rigidity to the leaf blade and act as channels of transport for water, minerals and food materials.
 - True
 - False
6. The arrangement of veins and the vein lets in the lamina of leaf is termed as _____.
7. When the vein lets form a network, the venation is termed as _____.
 - a. Parallel venation
 - b. Reticulate venation

8. When the veins run parallel to each other within a lamina, the venation is termed as _____.
 - a. Reticulate venation
 - b. Parallel venation
9. The plants with tap root system have leaves with _____ venation.
 - a. Reticulate
 - b. Parallel
10. Plants with fibrous roots have _____ venation.
 - a. Parallel
 - b. Reticulate
11. The water evaporates through the stomata present on the surface of the leaves by the process of _____.
12. The bean shaped (guard cell) part that are present on the surface of leaf is called _____.

ANSWERS

1. Leaf
2. True
3. Petiole, lamina and veins
4. A. lamina
5. True
6. Venation
7. B. reticulate venation
8. B. parallel venation
9. A. reticulate
10. A. parallel
11. Transpiration
12. Stomata