

OF PLANTS

- Q1. What is the origin of root in plants? Write 4 functions of roots.
- Q2. What type of roots are found Monstera and banyan tree?
- Q3. What are the two types of roots in plants? Why do we call roots of monocots as fibrous roots?
- Q4. Draw diagrams of Tap & fibrous roots, regions of root tip.
- Q5. Explain how the roots grow in length?
- Q6. Give examples of plants having prop roots, stilt roots and pneumatophores.
- Q7. What is the function of above categories of roots?
- Q8. In some plants stem does not perform the main function of photosynthesis. Give examples of such plants.
- Q9. How does chrysanthemum & pineapple grow?
- Q10. Draw structure of a typical simple leaf.
- Q11. Define the following terms: - (a) Rachis (b) Tendrils (c) Spines (d) Petiole
(e) Pulvinus
- Q12. How is a pinnately compound leaf different from a palmate compound leaf?
- Q13. What type of succession is seen in racemose inflorescence?
- Q14. What happens to the terminal end of inflorescence in cymose inflorescence? Draw to explain.
- Q15. A flower is said to be zygomorphic, tetramerous, bracteates, bisexual, hypogynous. What do you understand by these terms?
- Q16. What type of ovary is present in guava & cucumber? Draw a diagram.
- Q17. Androecium is composed of stamens, how are the stamens of flower arranged in different flowers.
- Q18. Enumerate various types of placentation in flowers.
- Q19. Differentiate between seed of gram & maize. Also draw well labeled diagrams.
- Q20. Taking a flower of potato & pea, explain the floral structures (description) and the floral formula.