

**Class 6**  
**Getting To Know Plants**  
**Assignment**

- Q1.** Differentiate between herbs and shrubs.
- Q2.** A boy goes to a garden and describes various types of plants. Identify the characteristics of plants on the basis of which they are classified as herbs, shrubs and plants. Give examples.
- Q3.** Differentiate between climbers and creepers. Give examples.
- Q4.** Why do some plants need support to climb upwards?
- Q5.** Enlist the functions of a stem.
- Q6.** A student keeps a twig in red ink. After few hours, he observes red lines in stem and leaves. Explain, what has happened?
- Q7.** Write a short note on modified stems.
- Q8.** Draw a well labelled diagram of a leaf.
- Q9.** A girl in biology laboratory observes a design on different leaves. She identified two particular kinds of pattern. Identify those patterns and write difference between two.
- Q10.** 'Stem has two way traffic.' Comment.
- Q11.** 'Stem is a two way street.' Comment.
- Q12.** Draw a well labelled diagram of stomata.
- Q13.** Write down the functions of stomata.
- Q14.** A boy covers a leaf with a polythene bag and leaves it for 24 hours. What will he observe and why?
- Q15.** Enlist all the functions of a leaf.
- Q16.** Mention a test to detect presence of starch in a leaf.
- Q17.** What is the function of veins and midrib in a leaf?
- Q18.** Write down the functions of roots.
- Q19.** Write two points of difference between tap root and fibrous roots.
- Q20.** If we want to identify the kind roots of a plant, how can we find out by observing the leaves?
- Q21.** Why is it difficult to separate the sprouted young plants from the cotton wool?
- Q22.** Give few examples of edible roots.
- Q23.** Write a short note on modified root.
- Q24.** Name 4 whorls of a flower.
- Q25.** Why are pistil and stamen very important in a plant?
- Q26.** Draw a well labelled diagram of a flower (vertical section).
- Q27.** How are fruits and seeds produced?
- Q28.** Why does a cactus plant have fleshy leaf like photosynthetic branches?
- Q29.** Why are leaves termed as the "food factories of the plant"?
- Q30.** Why are leaves of few plants modified into tendrils? Give examples.