

**Class 4  
Science**

# Adaptations in Plants

**A Fill in the blanks**

floating plants    Hot, dry, sandy    aquatic plant    Succulent    Peepal  
deciduous tree    Long, hollow stems    adaptation    xerophytes    Hills

- \_\_\_\_\_ and \_\_\_\_\_ helps aquatic plants to stay afloat in water.
- The leaves of \_\_\_\_\_ have chlorophyll only on the top of the surface.
- Cactus has \_\_\_\_\_ stem which can store large amount of water.
- The desert plants also called \_\_\_\_\_.
- Trees shed their leaves in winter season are called \_\_\_\_\_.
- A change in the body or behaviour of an organism that helps to survive is called \_\_\_\_\_.
- The plants that grow in water are known as \_\_\_\_\_.
- Trees that grow in \_\_\_\_\_ are generally cone shaped and they have sloping branches.
- The temperature during the day is \_\_\_\_\_ and \_\_\_\_\_ in desert.
- \_\_\_\_\_ is an example of deciduous tree.

**B Circle the odd one out.**

- Gulmohar, Banyan, Mango, Coconut
- Hydrilla, Lotus, Water lily, Cactus
- Spruce, Fir, Mangrove, Cedar
- Palm, Pine, Acacia, Cactus

**C Match the following**

Column A	Column B
1. Trees having conical shape	a. Plains
2. Roots grow deep in the ground	b. Grass lands
3. Moderate climate, sufficient rainfall	c. Marshes
4. Roots grow above the soil	d. Hills
5. Deep roots adsorb water deep in soil	e. Deserts

**D State True or False.**

1. Different types of plants grow in different places. \_\_\_\_\_
2. Marshes are hot and dry. \_\_\_\_\_
3. Plants in deserts have spine or thorn like leaves. \_\_\_\_\_
4. Water lily is a floating plant. \_\_\_\_\_
5. Terrestrial plants can grow both on land and in water. \_\_\_\_\_
6. Desert plants have succulent stems. \_\_\_\_\_

**E Give two example for each of the following.**

1. Plants in plains:- \_\_\_\_\_
2. Plants on hills:- \_\_\_\_\_
3. Plants in deserts:- \_\_\_\_\_
4. Plants in marshes:- \_\_\_\_\_
5. Plant in coastal regions:- \_\_\_\_\_
6. Plants on grassland:- \_\_\_\_\_

## Answers

- A.
1. Long, hollow stems
  2. floating plants
  3. succulent
  4. xerophytes
  5. deciduous tree
  6. adaptation
  7. aquatic plant
  8. Hills
  9. Hot, dry, sandy
  10. Peepal
- B.
1. Coconut
  2. Cactus
  3. Mangrove
  4. Pine
- C.
1. d                      2. e                      3. a                      4. c                      5. b
- D.
1. True
  2. False
  3. True
  4. False
  5. False
  6. True
- E.
1. Banyan, Mango
  2. Pine, Maple
  3. Palm tree, Cactus
  4. Typha, Mangrove
  5. Coconut, Rubber
  6. Foxtail, Ryegrass