

Page no 21

QA. Tick the correct option.

1. The habitat of cactus plant is -----.

Ans. Desert.

2. Terrestrial means related to -----.

Ans. land.

3. ----- tree is conical.

Ans. pine.

4. Trees in ----- areas require high rainfall.

Ans. coastal.

5. ----- is a fixed floating plant.

Ans. Lotus.

QB. Short Answer type Questions.

1. How do submerged aquatic plants breathe?

Ans. Submerged aquatic plants breathe through their body surface.

2. How does water lettuce float in water?

Ans. Water lettuce float in water with the help of their cells.

3. Why does photosynthesis in cactus take place in the stem?

Ans. Photosynthesis in cactus take place in the stem because chlorophyll is present in stem.

4. Why does mango tree have big and broad leaves?

Ans. Mango tree have big and broad leaves because it helps them in evaporating excess of water and keep them cool.

5. Where do conifer plants grow?

Ans. Conifer plants grow on hills and mountains.

QC. Long Answer Type Questions.

1. Why do conifers have short stems and wide roots?

Ans. Coniferous plants have short stems to avoid harsh winds. They have wide roots system to gather more nutrients.

2. Under what climatic conditions does rubber plant grow?

Ans. Rubber plant grows in hot and humid climate.

3. What kind of roots does rhizophora plant have?

Ans. Rhizophora roots have tiny opening at their tips through which gases can pass.

4. Why is teak known as evergreen plant?

Ans. Teak is known as an evergreen plant because it grows in heavy rainfall areas full of leaves and lush green round the year.

5. Describe the leaves of lotus plant?

Ans. The leaves of lotus plant are as follows

1. leaves are broad.
2. waxy coating on them.
3. waxy coating prevents leaves from rotting in water.
4. leaves have stomata only on the upper surface to help plants to breathe.

QD. Fill in the blanks.

1. Spruce tree is conical in shape.
2. New leaves of banyan tree usually grow in spring season.
3. There are spines on the stem of desert plants.
4. Clayey soil holds more water and less air.
5. The stem of water lily is lightweight and hollow to help it to float.

QE. State True or False.

1. Duckweed has no stomata. false.
2. Hydrilla is a terrestrial plant. false.
3. Mangroves have breathing roots. true
4. Keekar tree is coniferous. false.
5. Neem tree has needle like leaves. false.

QF. Match the column.

- | | |
|-----------------|---------------------|
| 1. Deodar tree | Hills and mountains |
| 2. Peepal tree | Plains |
| 3. Coconut tree | Coastal region |
| 4. Babool tree | Desert area |
| 5. Mangroves. | Marshy area. |

QG. Give two examples each of.

1. Submerged aquatic plants. - Hydrilla, Tape grass.
2. Desert plants. - Cactus, Date palm
3. Free floating water plants. - Duckweed, Water hyacinth
4. Plants growing in plains. - Neem, Mango
5. Plants having cones. - Fir, Pine

QH Puzzle and quiz.

1. Give the habitats for the following.

Ans. Mountain, plains, coastal area, desert.

Marshy area, Heavy rainfall areas, Muddy banks, underwater.

2. Find eleven terms related to the lesson from the maze below.

Ans. 1. Mangrove

2. Habitat.

3. rainfall

4. coconut.

5. sugarcane

6. lotus.

7. desert

8. cactus.

9. soil.

10. marsh

11. spruce

