



Q1. Tick the correct option.

1. The leaves make food for the plant.

Answer. Leaves.

2. The leaf grows from the node on the stem

Answer . Node.

3. Leaves are green due to the presence of chlorophyll.

Answer .Chlorophyll.

4. Manufactured food of plants is called glucose.

Answer .Glucose.

5. Dodder is a parasitic plant

Answer .Dodder

6. The habitat of a cactus plant is desert.

Answer. Desert.

7.Terrestrial means related to land .

Answer. Land.

8.Pine tree is conical.

Answer. Pine.

9.Tree in coastal areas require heavy rainfall .

Answer .Coastal.

10.Lotus is a fixed floating plant .

Answer .Lotus.

Q2. Short answer type questions

1. What are the midrib and side veins in a leaf ?

Answer. A thick vein that runs through the middle of a leaf is called midrib and the

veins that are attached to the midrib are called side veins.

2. What is photosynthesis?

Answer. A process of making food in plants with the help of air, water and sunlight is called photosynthesis.

3. How is the extra food in plants stored ?

Answer. The extra food in plants is stored in the form of starch in leaves, roots or stems.

4. Does croton plant contain chlorophyll ? if yes, where?

Answer. Yes, croton plant contains chlorophyll that is hidden in their colourful leaves.

5. What kind of stems and leaves does a cactus have ?

Answer. Cactus have a flat green stem and its leaves are reduced into spiny thorns.

6. How do submerged aquatic plants breathe?

Answer. Submerged aquatic plants breathe through their body surface.

7. How does water lettuce float in water?

Answer. Water lettuce floats in water with the help of their cells.

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

Answer. Photosynthesis in cactus takes place in the stem because chlorophyll is present in stem.

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

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

10. Where do conifer plants grow ?

Answer. Conifer plants grow on hills and mountains.

Q3. Fill in the blanks

1 The stalk connects leaf to the stem.

2. The tip of the leaf is called the leaf Apex.

3. Side veins are attached to the midvein.

4. A midvein runs through the middle of a leaf.

5. Storing of food in cactus takes place in stems only.

6. Spruce tree is conical in shape.
7. New leaves of banyan tree usually grow in spring seasons .
8. There are spines on the stem of desert plants .
9. Clayey soil holds more water and less air .
10. The stem of water lily is light weight and hollow to help it to float.

Q4 . Write True or False.

1. Stomata is guarded by four guard cells .False
2. Phloem carry water from the other parts of plant .False.
3. Plants use water to build new cells.True
4. Pitcher plant grows in soil poor in minerals.True
5. Venus flytrap has sticky hair on its margins.True
6. Duckweed has no stomata .False
7. Hydrilla is a terrestrial plant .False.
8. Mangroves have breathing roots.True
9. Keekar tree is coniferous .False
10. Neem tree has needle like leaves. False.

Q5. Match the column.

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|---|---------------------|
| 1. Tip of a leaf. | Apex |
| 2. Prepared food is called . | Glucose |
| 3. Plants give out during photosynthesis. | Oxygen |
| 4. Hollow tubes filled with nectar. | Pitchers |
| 5. Process of food preparation. | Photosynthesis |
| 6. Deodar tree . | Hills and mountains |
| 7. Peepal tree . | Planes |
| 8. Coconut tree . | Coastal region |
| 9. Babool tree. | Desert area |
| 10. Mangroves | Marshy area . |

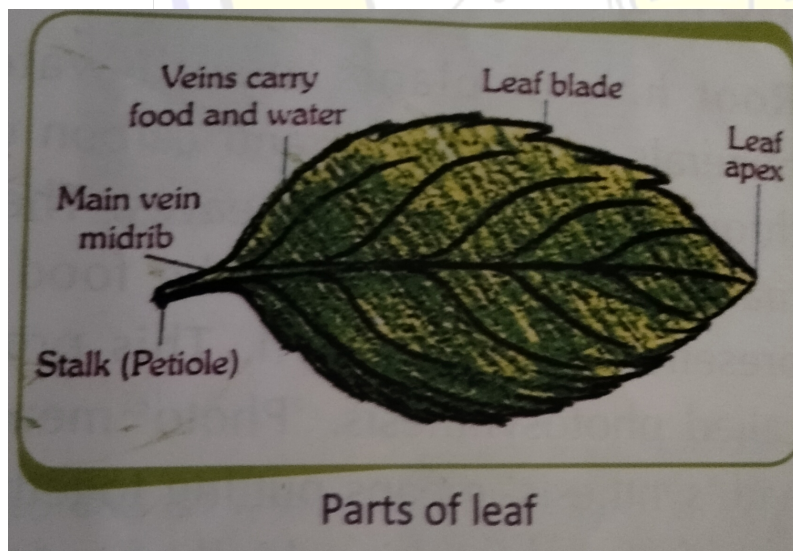
Q6. Give one example each of :

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|---------------------------------|---------------|
| 1. Saprophytic plant. | Mushroom |
| 2. Plant with colourful leaves. | Croton |
| 3. Parasitic plant. | Dodder |
| 4. Desert plant. | Cactus |
| 5. Insectivorous plant. | Pitcher plant |

Q7. Give two example of each .

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|--------------------------------|--------------------------|
| 1. Submerged aquatic plants. | Hydrilla, Tapegrass. |
| 2. Desert plant. | Cactus, Date palm. |
| 3. Free floating water plants. | Duckweed, waterhyacinth. |
| 4. Plants growing in plains. | Neem, mango. |
| 5. Plants having cones. | Fir, pine. |

Q8. Draw a labelled diagram of leaf. Page no .05.



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