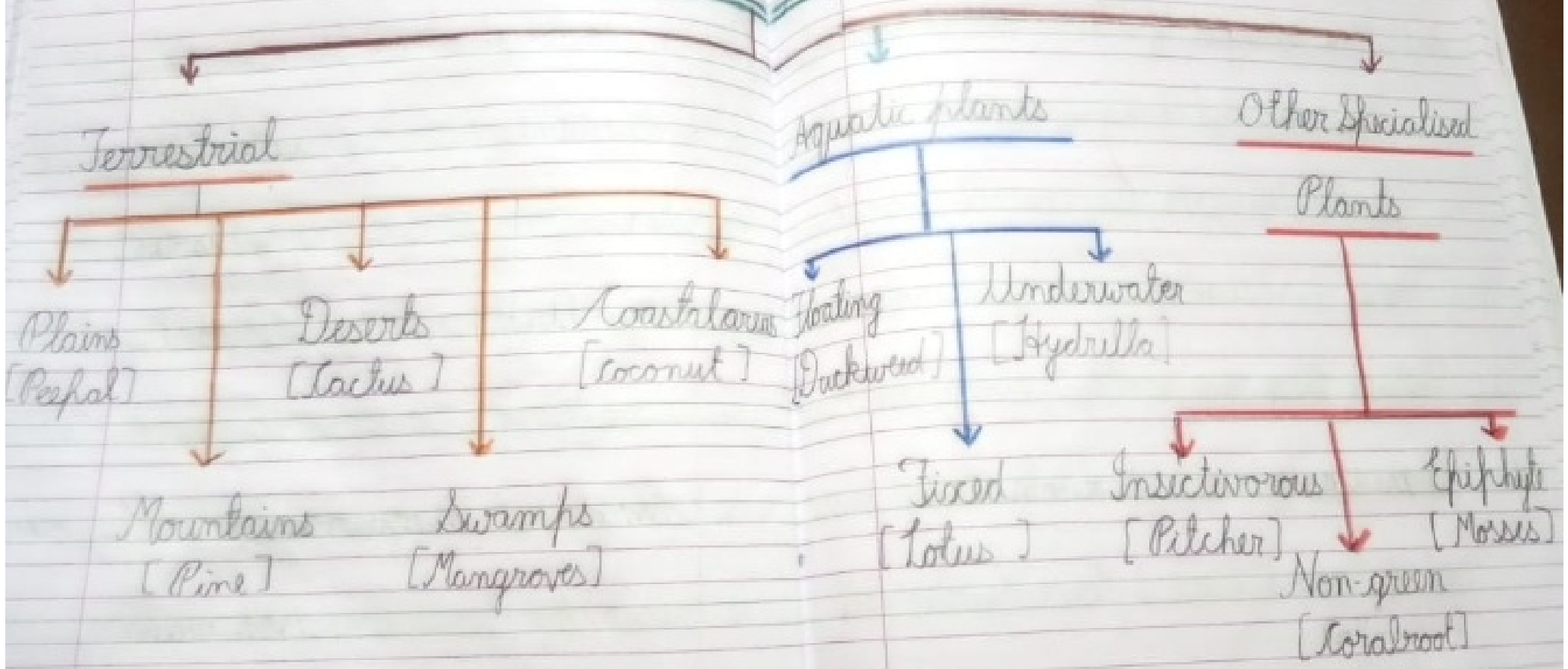


Ch-2How Plants SurviveHard words

1. adaptation
2. terrestrial
3. aquatic
4. coniferous
5. deciduous
6. marshy
7. insectivorous
8. saprophytes
9. epiphytes
10. tentacles

Yours class

Adaptation in Plants



Answer these questions briefly

Q1 What is adaptation?

Ans The special features that allow an organism to survive in a particular area is called adaptation.

Q2 Which trees are called evergreen trees?

Ans Some trees do not shed all their leaves at the same time. A few leaves fall and new ones grow. So they are

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always green Hence they are called
evergreen trees. Ex. pines, fir

Q3 What are the adaptation of trees
in hilly areas?

Ans In hilly areas, trees have cones
instead of flowers, needle-like leaves
which have a waxy coating and
straight and tall trunks,

Q4. What are coniferous tree?

Ans. Trees that have straight and tall trunks and needle-like leaves are called coniferous.

Q5. How do floating plants float on water?

Ans. Floating plants are spongy and filled with air, this makes the plants very light and helps them to float on water.

Q6 Describe adaptation in a lotus plant.

Ans In lotus plant stems are hollow and have air spaces. This helps the flower and leaves to float on water. The leaves have stomata only on its upper side. The leaves have a waxy coating to repel water.

Answer these questions

Q1 What are marshy areas? Mention the adaptation found in plants growing in marshy areas.

Ans Some places that have clayed soil and plenty of water and water cannot drain away, it collects on the ground. These places are called marshy areas.

In such places roots of the

plants grow above the ground

to take in air, as an adaptation.

Q2 How are plants useful to us?

Ans Plants are useful for humans in many way:-

1. Plants are the main source of food.

2. Plants provides fabric for clothes

3. Plants are an important source of

wood used for making furniture

4. Plants give us medicines like tulsi.

5. We obtain rubber from plants.

Q3 Explain the adaptation of aquatic plants giving suitable examples.

Ans a) In some aquatic plants like duckweed are spongy and filled with air so they float on water.

- a) Some aquatic plants like lotus have broad and flat leaves on the surface of water to trap maximum sunlight.
 - b) Some aquatic plants like hydrilla have narrow and thin leaves with no stomata.
-

Q4 Why are insectivorous plants unusual?
Give examples

Ans Normally plants make food by

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photosynthesis but insectivorous

plants trap insects for the food

like pitcher plant, venus flytrap etc.

this makes them unusual.