

Lesson - 01

## Adaptation in Plants:

∴ Answer the following:

Ques<sup>(1)</sup>: What is a adaptation?

Ans: Adaptations are special features that allow a plant to live in a particular place or habit.

Ques<sup>2</sup>: What are terrestrial plants?

Ans: A terrestrial plant is one that grows on land.

Ques<sup>3</sup>: How do plants adapt to life in the desert?

Ans: Plants adapt to life in the desert because their roots go deep and are spread out wide to absorb much under ground water as possible.

Q: What is the Venus flytrap's special adaptation?

Ans: The Venus flytrap eat insects to get enough nutrition because they grow in soil that is poor minerals.

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## Spine seasons

Ques<sup>1</sup>: Leaves of trees on hilly area are needle like.

Ans: Leaves of trees on hilly area are needle like so that snow can easily slide off their branches.

Ques<sup>2</sup>: Leaves of most desert plants are modified into spines.

Ans: Leaves of most desert plants are modified into spines to avoid loss of water.

Ques<sup>3</sup>: Roots of some mangrove plants come out of the soil.

These leaves are reduced to spine to avoid loss of water.

Ques: Name three types of aquatic plants. Give one example of each type.

Ans: Three types of aquatic plants are :-

- (a) Floating plants - eg - Duckweed.
- (b) Fixed plants - eg - Lotus.
- (c) Under ground plants eg - Hydrilla.

Ans: Roots of some mangrove plants come out of the soil to breathe.

<sup>4</sup> Ques: Some water plants float freely on water.

Ans: Some water plants float freely on water because they have spongy bodies that are filled with air which makes them light.

<sup>5</sup> Ques: Fungi are not able to make their own food.

Ans: Fungi are not able to make their own food because they do not have chlorophyll.