

ASSIGNMENT - SCIENCE

CLASS – IV

CHAPTER – 7

HOW PLANTS SURVIVE?

1 mark questions

- 1. What are swamps?**
Areas that has sticky soil which contain lot of water are known as swamps.
- 2. Name the world's tallest tree.**
Redwoods of California.
- 3. Why do coconut trees cannot grow in desert?**
Coconut trees cannot grow in desert because a desert receives very little rainfall.
- 4. How do coconut seeds dispersed?**
Coconut seeds dispersed by water.
- 5. Why do duckweed has spongy stem?**
Duckweed has spongy stem so that they can float on water.
- 6. How do underwater plants survive?**
Underwater plants absorb gases dissolved in water to survive.
- 7. Why do water lily have waxy coating?**
Water lily have waxy coating on the surface to prevent them from rotting.
- 8. What is the use of Bamboo?**
Bamboo has hollow stem which is used to make baskets , huts, mats and walking sticks.

2 marks questions

- 9. Why do we find different kinds of plants in different regions?**
We find different kinds of plants in different regions because plants need to adapt to the natural conditions of that area to be able to survive there.
- 10. Differentiate between plains and mountains.**
Large flat areas of land are called plains and land higher than plains are called mountains.
- 11. How do plants grow in desert differ from plants growing on sea coast.**
Plants in desert have fleshy stem to store water while plants on sea coast can survive in salty water.
- 12. How do mangroves trees survive in swampy area?**
Mangroves trees survive in swampy area due to breathing roots which grow above the soil.
- 13. What are breathing roots? Why do they called so?**

Roots that take in air are known as breathing roots. They are called so because they help a plant to breathe.

14. What are the functions of breathing roots?

Breathing roots take air in and absorb water and minerals required for photosynthesis.

15. Why do mountain plants have needle like leaves?

Mountain plants have needle like leaves and waxy coating to prevent any damage from snow.

16. What are evergreen trees?

Trees that have leaves that remain green almost all year around are called evergreen trees.

17. Why do rubber and teak trees are called evergreen trees.

Rubber and teak trees are called evergreen trees because their leaves remain green almost all year.

3 marks questions

18. What are saprophytic plants? Why they are non-green in colour?

Plants that cannot make their own food and absorb nutrients from dead plants and animals are called saprophytic plants such as Indian pipe and coral root. Saprophytic plants are non-green in color due to the absence of chlorophyll.

19. How do pitcher plants trap the insects?

In the Pitcher plants leaves are in the form of pitcher with a lid. When an insect lands on the edge of the pitcher it slips and falls into it. Lid closes and the insect digested by the digestive juices.

20. Name some products obtained from plants.

- Food
- Soaps and Shampoos
- Vegetable oils and paints
- Dyes and medicines
- Fibers such as jute and cotton