

WELCOME TO THE ONLINE CLASS

SESSION NO.: 2

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 7

**CHAPTER NAME: PLANTS- LIVING AND
SURVIVING**

**SUB TOPIC: PLANTS IN DESERT AND MARSHY
AREAS**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **classify plants according to their habitats.**
- **analyse how plants are adapted to their environment.**

RECAPITULATION

- Why do trees in hot areas have lots of leaves?
- Name some trees that can survive in hot and damp areas.
- Look into the below pictures and name these trees.



RUBBER TREES



TEAK TREES



COTTON TREES

TREES IN DESERT AREAS

- In desert, most plants grow without leaves.
- Ex: Cactus and palm are some such plants.



PALM TREES



CACTUS TREES

- **Plants growing in deserts have spines instead of leaves.**
- **Spines prevent the loss of water and thus plants retain water.**
- **The green, fleshy stem of such plants contains chlorophyll and makes food.**
- **It also stores food and water.**



TREES IN MARSHY AREAS

- In marshy areas, the soil is sticky and clayey.
- The trees that grows in wet and clayey soil are called *mangroves*.
- A **mangrove** is a shrub or small tree that grows mostly near shore of river .



- The roots of mangroves do not get air as the soil is covered with water.
- So, the roots grow out of the soil and water to breathe. Such roots are called breathing roots.



SUMMARY

- **In desert, most plants grow without leaves. Ex: Cactus and palm are some such plants.**
- **Plants growing in deserts have spines instead of leaves.**
- **A mangrove is a shrub or small tree that grows mostly near shore of river .**
- **Roots which grow out of soil and water to breathe air is known as breathing roots.**

MATCH THE FOLLOWING

1. Coconut

2. Mango

3. Cactus

4. Pine

5. Mangroves

6. Pepper

a. plains (2)

b. desert (3)

c. hilly areas (4)

d. coastal areas (1)

e. marshy area (5)

f. hot and damp areas.(6)



Q1. Which plant prepare food in its stem.

Ans: Cactus

Q2. In desert areas plants grows without
_____ .

Ans: leaves

Q3. Roots which grows out of the soil and water to breathe are known as _____.

Ans: breathing roots

HOMework

- **Do question A , B and C in your notebook.**

LEARNING OUTCOME

The learner will be able to:

- **classify plants according to their habitats.**
- **analyse how plants are adapted to their environment.**

THANKING YOU
ODM EDUCATIONAL GROUP