

# **WELCOME TO THE ONLINE CLASS**

**SESSION NO.: 6**

**CLASS: 4**

**SUBJECT: SCIENCE**

**CHAPTER NUMBER: 7**

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

**SUB TOPIC: SHORT AND LONG ANSWERS**

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**CHANGING YOUR TOMORROW**

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# LEARNING OBJECTIVE

To enable the learner to:

- write short and long Q/A in their notebook.

# RECAPITULATION

- Name any two insect-eating plants.
- When an insect sits on the leaf, the two halves close and the insect is \_\_\_\_\_.
- In rainforests, there are both tall and short trees with lots of \_\_\_\_\_ around.



## Tick (V) the correct answer

1. Plants growing in hilly areas have

a. no leaves      b. needle-like leaves       c. broad leaves.

2. A cactus plant saves water by

a. not having leaves     b. not having a stem      c. not having roots.

3. Floating water plants help small water animals by giving them

a. shade from the sun     b. food and water      c. water and minerals.

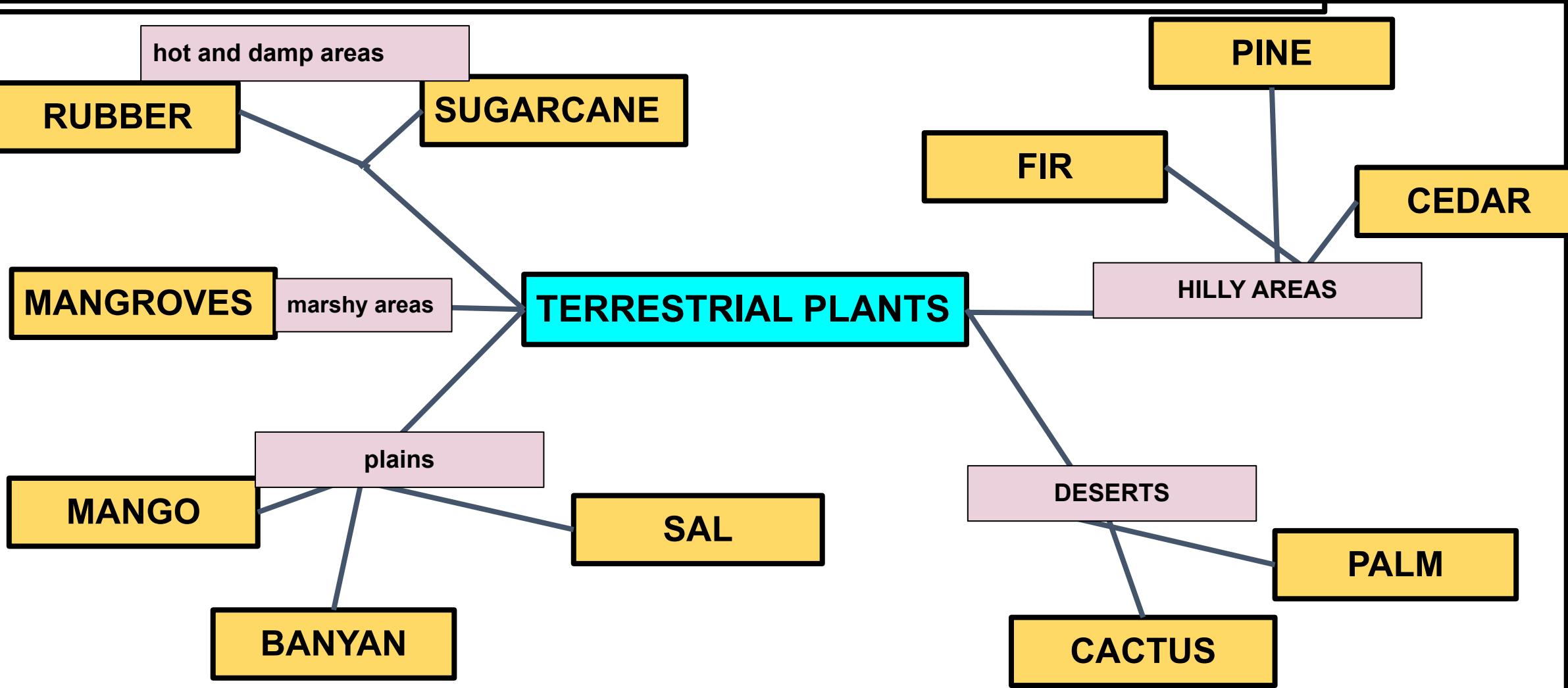
4. A lotus plant has

a. needle-like leaves    b. very thin leaves      c. broad leaves

5. The main food that plants of the grass family give us are

a. fruits and nuts      b. wheat and rice       c. straw and sugarcane

C. Plants that grow on land are called terrestrial plants. Fill in the names of such plants in the empty boxes.



D. Plants that grow in water are called aquatic plants. Beginning with the second letter cross out every alternate letter to get the answer. write two example of each kind.

A C Q A U I A P T A I T C

**1. Floating Plants**  
e.g.,  
Duckweed  
water hyacinth

**2. Fixed Plants,**  
e.g.,  
lotus  
water lily

**3. Underwater plants,**  
e.g.,  
tape grass  
pondweed

# ANSWER THESE QUESTIONS

**1. Name five plants of the grass family that provide us food.**

Ans1. Five plants of grass family that provides us food are wheat, rice, jowar, bajra and sugarcane.

**2. Name some products of the bamboo plant.**

Ans2. Some products of bamboo plants are brooms, baskets, chairs, mats, toys and huts.

**3. Name any two insectivorous plants.**

Ans3. Insectivorous plants are:

- a. Venus flytrap
- b. Pitcher plants

**4. Name a plant that has spines instead of leaves.**

Ans4. Cactus plants has spines instead of leaves.

**5. Name the family of plants which gives us cereals.**

Ans5. Grass family of plants gives us cereals.

## ANSWER THESE QUESTIONS

**Q1. How do breathing roots help a plant that grows in a marshy area?**

**Ans1. Breathing roots help a plant that grows in a marshy area :**

- In marshy areas, there is poor oxygen content in the soil.
- This results in roots getting less oxygen to breathe in.
- So, in order to get sufficient oxygen, the roots grow upwards.

**Q2. A lotus plant grows in water. How does it adapt itself to live in water?**

**Ans2. Lotus plant adapt itself to live in water as**

- The stems of lotus are hollow and light, which keeps the leaves and the flowers afloat.
- The leaves are broad and get support of water to keep itself upright.

### **Q3. What are the main uses of the plants from the grass family?**

**Ans3. Plants of grass family have many uses:**

- It provides food for humans and animals.
- Bamboo plant is used for making things like broom, basket, toys and huts.
- Various grasses are used for making different kinds of paper.
- Some grass is also used for preparing medicines and packing materials.
- The roots of the plants from grass family help to conserve soil.

### **Q4. How does the Venus flytrap eat insects?**

**Ans4. Venus flytrap able to eat insects as the leaf is folded into two halves, when an insect sits on the leaf, the two halves close and the insect is trapped.**

# SUMMARY

- Aquatic plants are of three types : fixed plants, floating plants and underwater plants.
- In desert, most plants grow without leaves. Ex: Cactus and palm are some such plants.
- Plants growing in deserts have spines instead of leaves.
- The pitcher plant , venus flytrap and the sundew are known as insect-eating plants.
- Rainforests are hot and wet forests.



**Q1. Breathing roots grows out from soil and \_\_\_\_\_ to breathe .**

**Ans: water**

**Q2. Do we have plants who eat insects?**

**Ans: yes**

**Q3. Name one unusual plant.**

**Ans: pitcher plant**

# HOMEWORK

- **A lotus plant cannot grow in desert. Why?**

# LEARNING OUTCOME

**The learner will be able to:**

- **write short and long Q/A in their notebook.**

**THANKING YOU  
ODM EDUCATIONAL GROUP**