

**Class- 4<sup>th</sup>**

**Subject- Science**

**Ch-2 Plant habitats**

**B. Give short answer.**

**1. On what basis can different plants be classified ?**

**Ans. On the basis of habitats all plants can be classified into two types:-**

- a) Terrestrial or land plants**
- b) Aquatic or water plants**

**2. What is adaptation?**

**Ans. Adjustment with the surrounded living conditions is called adaptation.**

**3. Give two features of plants of plain region.**

**Ans. Two features of plants of plain region are:-**

- a) These trees have lots of leaves and branches spread around.**
- b) Their Leaves are flat and thin. These help in evaporating the excess water and keep them cool.**

**4. What are saprophytic plants?**

**Ans. Plants that depend on dead and decaying matter for their survival are called saprophytic plants. Examples mushroom and moulds.**

**C. Answer the following questions.**

**1. What are the special features of submerged aquatic plants?**

**Ans. The special features of submerged aquatic plants are:-**

- a) Their leaves are narrow and have no stomata.
- b) Their roots remain fixed in the soil.
- c) The stems are very delicate and flexible due to air spaces.

**2. What are breathing roots? How do these help the marshy plants ?**

**Ans.** The roots of mangroves grow above the soil because the air cannot reach their roots. This type of root is called breathing root.

These help the marshy plants as their roots have tiny openings at their tips, through which gases can pass.

**3. How does a cactus survive in desert ?**

**Ans.** Cactus survive in desert as:-

1. The leaves are reduced to spines to reduce water loss from the plant.
2. The process of photosynthesis takes place in the stem.
3. The fleshy stem stores food and water which is used by plant to survive in deserts.

**4. How does a Venus flytrap plant trap insects ?**

**Ans.** The leaves of Venus flytrap plant is like a trap. They can snap and shut when an insect sits on them.

**D. Give two examples of each of the following:**

**1. Plants that grow on hills**

**Ans.** Deodar and pine

**2. Plants that grow in desert**

**Ans.** Cactus and date palm

**3. Underwater plants**

**Ans. Hydrilla and tape grass**

**4. Insectivorous plants**

**Ans. Pitcher plant and Venus fly trap**