



# SHREE VASISHTHA VIDHYALAYA

Science Worksheet 2026-27

Name: - Answer Key

Std.: - IV -

Roll No.: -

Worksheet No. TA-1- 02

Date: - 12/09/26

## Ch. 7 How plants survive

Q-1 Read the statement and choose the correct option: -

1. Statement 1: Cactus has thick, fleshy stems that help it store water. T

Statement 2: Cactus has broad, thin leaves to reduce water loss. F

- a) Both Statement 1 and Statement 2 are correct. b) Both Statement 1 and Statement 2 are incorrect.  
c) Statement 1 is correct, but Statement 2 is incorrect. d) Statement 1 is incorrect, but Statement 2 is correct

2. Statement 1: Mangrove plants have special roots that help them survive in muddy soil. T

Statement 2: Mangroves are commonly found in swampy areas. T

- a) Both Statement 1 and Statement 2 are correct. b) Both Statement 1 and Statement 2 are incorrect.  
c) Statement 1 is correct, but Statement 2 is incorrect. d) Statement 1 is incorrect, but Statement 2 is correct

Q-2 Match the following.

| A                                    | B                    | ANS. |
|--------------------------------------|----------------------|------|
| 1. Cactus                            | a. floating plants   | 1. d |
| 2. Breathing roots in mangrove trees | b. medicinal plants  | 2. e |
| 3. Tulsi and cinchona                | c. henna             | 3. b |
| 4. Water hyacinth                    | d. green fleshy stem | 4. a |
| 5. leaves used to decorate hands     | e. exchange of gases | 5. c |

Q-3 Think and answer.

1. Cactus plants have thick stems.

Ans. Cactus plants have thick stems to store water and survive in dry areas.

2. What might happen if mountain trees had broad leaves?

Ans. If mountain trees had broad leaves, they may collect too much snow causing heavy branches and may ~~can~~ break

3. A farmer planted a coconut tree in a snowy area. What may happen?

Ans. The coconut tree may not grow well or may die because it needs a warm climate to survive.

Q-4 Identify the given picture.

1.



Coconut tree

2.



Cactus

3.



Mangrove or Breathing roots

Q-5 Look at the picture and answer the following questions-

1) Name the plant shown in the picture.

lotus

2) This plant grows in water (pond)

3) It is a type of fixed plants.

☒ a. floating plants

☒ b. fixed plants

☐ c. underwater plants

4) How do its broad and waxy coated leaves help to survive?



Ans. The broad leaves help the plant float on water and receive sunlight, while the waxy coating prevents water from staying on leaves.

Q-6 Read the given paragraph and answer the following questions.

Sundew plants have small leaves covered with shiny, sticky drops that look like dew. Insects get attracted to the shiny drops and sit on the leaves. Once they touch the sticky surface, they get trapped. The leaf slowly curls around the insect and digests it. These plants help maintain balance in nature by controlling small insect populations.

1. Sundew plants have sticky drops on the leaves which looks like dew.

2. What happens when insects touch the sticky surface?

a. they get disappeared

b. they get died

☒ c. they get trapped

3. How do sundew plants help nature?

Ans. maintain balance in nature by controlling small insect populations.