



INDIAN SCHOOL NIZWA

SCIENCE WORK SHEET

LESSON:7- How Plants Survive

Class:IV _____	Name: _____	Date: / /2024
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I. Choose the correct answer

1. Which of the following is an example of a plant adaptation to reduce water loss in dry areas?

- a) Broad leaves
- b) Needle-like leaves/spines
- c) Waxy coating on leaves
- d) Shedding of leaves

Ans: _____

2. During a discussion about adaptation in plants, 3 friends made the following statements. Who is correct?

John: Mangroves grow in areas that are dry and sandy.

Marry: Water lily grows completely submerged in water.

Halen: Some desert plants have stems or leaves that can store water.

- a) John and Halen
- b) John and Marry
- c) Only Marry
- d) Only Halen

Ans: _____

3. Which of the following is NOT an adaptation of trees growing in mountains.

- a) Broad leaves for capturing sunlight
- b) Narrow and needle-shaped leaves
- c) Conical shape

d) Waxy coating on leaves

Ans: _____

4. **Light and spongy water plants like _____ can float on the surface of the water.**

a) mangroves

b) duckweed

c) lotus

d) cactus.

Ans: _____

5. **Coconut trees grow well in _____ areas.**

a) desert

b) swampy

c) coastal

d) hilly.

Ans: _____

6. **_____ is an underwater plant.**

a) Tapegrass

b) water lily

c) lotus

d) duckweed

Ans: _____

7 **Plants in heavy rainfall areas are _____ .**

a) cotton, sugar cane

b) sundew, pitcher plant

- c) Indian pipe, fir
- d) mango, pine

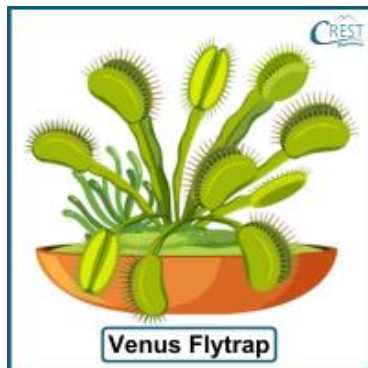
Ans: _____

8. **Which of the following is NOT an adaptation of a desert plant?**

- i) Leaves are changed into spines which prevent water loss.
- ii) Stems are green and have chlorophyll. They make food and also store food and water.
- iii) Roots spread deep under the ground in search of water.
- ii) Their branches have many flat and thin leaves which help in evaporating excess water, keeping them cold.

Ans: _____

9. **What is the special adaptation of the plant shown in the picture?**



- a) It has long, ribbon-like leaves.
- b) Its leaves can float on the water's surface.
- c) It has traps that can snap shut when an insect lands on them.
- d) It has roots that grow above the soil.

Ans: _____

10. **Roots of some plants that grow out of the soil to breathe from air are called _____ roots.**

- a) Breathing roots
- b) Tap rot
- c) Fibrous root

II. d) None of these

1.

2. Write **TRUE** for True statements or **FALSE** for False statements.

Some terrestrial plants grow in water. _____

3.

The cactus plant stores water in its stem. _____

4.

Evergreen plants do not shed their leaves at once. _____

5.

Spines protect cactus from animals. _____

The trees in heavy rainfall areas are called conifers. _____

III **Match the following:**

A

B

1 Floating plant

Peepal

2 Plants in the plains

Tapegrass

3 Underwater plants

Duck weed

4 Desertl plant

Coconut

5 Plant in coastal area

Cactus

IV. **Think and Answer**

1.

Why do plants need adaptations?

Ans: _____

2.

Why do some plants have thorns?

Ans: _____

2. **Coral root is a non-green plant, so it cannot prepare its own food. It is also not an insectivorous plant. Then, how is it able to get food to survive?**

Ans: _____

3.

Draw a desert plant and write the name the plant.

