



## AL-REEYADA INTERNATIONAL SCHOOL

MAHASEN ARAMCO, AL-AHSA, KINGDOM OF SAUDI ARABIA

S.Y 2023-2024

Name: \_\_\_\_\_ Class \_\_\_\_\_

### Important points

- ❖ An environment is the **surrounding** of a living thing. It provides **food, water, air, shelter, and the right climate for living things to survive.**
- ❖ Some places are **hot** like the deserts and some places are **cold** like the hills.
- ❖ Some **places are wet** such as ponds, rivers, oceans, sea, lakes etc.
- ❖ **Adaptation refers to the features or characteristics that help living things to survive in their environment.**
- ❖ Fishes have **gills** that helps them to breathe air that is **dissolved in water.**
- ❖ In **deserts the soil is dry and there is very little water** because it rarely rains.
- ❖ **Cacti** can survive in the desert because they can store water in their thick stems. Their **needle-like leaves prevent the loss of water.**
- ❖ Cactus plant **has roots that spread out just under the surface of the soil.**
- ❖ The **leaves of cactus are sharp, this helps to prevent loss of water.**
- ❖ The **cactus stores water in its thick stem for future use.** It also makes food in its stem.
- ❖ The **mesquite bush(keekar)** has roots that can grow down to more than **20 metres in search of water.**
- ❖ In the hills, it is **very cold.** Some areas also **experience snowfall.**
- ❖ The **cones have seeds** in them. The tough needle-like leaves of the cones can survive the cold and snow. **The sloping shape of the trees make the snow fall off them easily.**
- ❖ The **pine, spruce, cedar and fir trees are conifers.** They do not shed all their leaves at the same time and so look green throughout the year. They are called **evergreen trees.**
- ❖ **Oak, maple, birch and beech** trees shed all their leaves in winter to protect themselves from the cold. New leaves grow in spring. They are called **deciduous trees.**
- ❖ The **plains are warm and wet places.** They have trees with lots of spreading branches. Examples of such trees are **banyan, peepal and mango** trees. They grow in the **warmer climate of** the plains.

- ❖ Marshy places are also called **swampy** places. In these places, there is plenty of water and clayey soil. The water cannot drain therefore it covers the soil. **Mangrove trees** grow in marshy/swampy places.
- ❖ The roots do not get air as water covers the soil; therefore, their roots grow above the soil. These roots are called **breathing roots**.
- ❖ Some plants grow in water, they are called **aquatic plants**. They are floating, fixed, and underwater/ submerged plants.
- ❖ **Floating plants** are plants that grow on top of the water. They have sponge-like bodies filled with air.
- ❖ Duckweed, water lettuce and water hyacinth are floating plants.
- ❖ **Fixed plants** have plate-like leaves and have their roots fixed to the bottom of ponds and lakes.
- ❖ Fixed plants have hollow and light stem. They have **stomata** on the upper side of the leaves.
- ❖ water lily and lotus are **fixed plants**.
- ❖ **Underwater plants** are also called submerged plants.
- ❖ They live **completely underwater**. They have narrow, thin leaves with **no stomata**, they breathe through their body surface.
- ❖ They have flexible stems which have air spaces.
- ❖ Insectivorous plants are plants that feed on insects. They grow on soil that is **poor in minerals**. Examples of such plants are **venus flytrap** and **pitcher plant**.
- ❖ Fungi are neither plants nor animals; they live and feed on plant and animal matter. Moulds and mushrooms are examples of fungi. Some fungi can be eaten.

**Section -A-**

**Multiple Choice.** Write the **correct alphabet**, representing your answer in the space provided.

- 1) The place that has clayey soil and plenty water is \_\_\_\_.

a. hilly                                      b. floating                                      c. swampy
- 2) \_\_\_\_\_ is a floating plant.

a. Lotus                                      b. Water hyacinth                                      c. Oak
- 3) Which of the following is used in making bread?

a. Fungi                                      b. Maple                                      c. Cone
- 4) Which of these is not an underwater plant?

a. Tape-grass                                      b. The pine                                      c. Hydrilla
- 5) A \_\_\_\_\_ root can travel up to 20 meters in search of water.

a. Banyan                                      b. birch                                      c. keekar
- 6) How many types of aquatic plants do we have?

a. 2                                      b. 8                                      c. 3
- 7) The roots of \_\_\_\_\_ plants grow above the soil.

a. Coffee                                      b. mangrove                                      c. fixed.
- 8) The part of the plains that has warmer climate has \_\_\_\_\_?

a. rubber plant                                      b. hydrilla plant                                      c. lily plant
- 9) Trees that stay green all year round are called-----.

a. Mangrove                                      b. evergreen                                      c. deciduous.
- 10) They are plants that have hollow and light leaves.

a. Floating                                      b. underwater                                      c. fixed.
- 11) A swampy place is also known as a \_\_\_\_\_ place.

a. plain                                      b. marshy                                      c. dry

## Section -B-

I. Write one-word answer in the given blank space.

- \_\_\_\_\_ 1. A very hot and dry place.
- \_\_\_\_\_ 2. The trees that do not shed all their leaves.
- \_\_\_\_\_ 3. The traits that help a living thing to survive in its environment.
- \_\_\_\_\_ 4. They are neither plants nor animals. They belong to a group of their own.
- \_\_\_\_\_ 5. They have sharp spine-like leaves.

II. Match the columns by writing the correct letters in the blanks.

### Column A

- \_\_\_\_\_ 1. A very cold place.
- \_\_\_\_\_ 2. A plant that feeds on insects.
- \_\_\_\_\_ 3. The surroundings of a living thing.
- \_\_\_\_\_ 4. They grow on dead plants and animals.
- \_\_\_\_\_ 5. It is used to breathe air dissolved in water.

### Column B

- A. Venus flytrap
- B. Fungi
- C. Hill
- D. Gills
- E. Environment

**Section -C-**

**I. Drag the words in the boxes and drop them in the correct row in the table below.**

**Duckweed**

**Mangrove**

**Oak**

**Pitcher**

**Mushroom**

**Keekar**

**Banyan**

| <b>Places</b>           | <b>Plant that can survive</b> |
|-------------------------|-------------------------------|
| Deserts                 |                               |
| Hills                   |                               |
| Plains                  |                               |
| Marshy places           |                               |
| Aquatic                 |                               |
| Plant and animal matter |                               |
| Poor soil               |                               |

**II. Answer the following questions based on the given images below.**



**Name:** \_\_\_\_\_



**Name:** \_\_\_\_\_



**Name:** \_\_\_\_\_



**Name:** \_\_\_\_\_



**Name:** \_\_\_\_\_