**NORTH POINT SENIOR SECONDARY BOARDING SCHOOL**

**CLASS-V**

**EVS**

**NAME: DATE:**

Almost all living things depend on plants in order to survive. Animals depend on plants for their sugars, as well as their production of oxygen to breathe.

Plants go through a process of photosynthesis, which is when plants use sunlight to help them produce food (sugar) and oxygen. This process is cyclical, or a never ending process, so there is always food and oxygen being made.

Animals can't get their food directly from the sunlight as plants can, so they rely on plants (or other animals who have eaten plants) to get the sugars and nutrients for survival.

**Characteristics of All Plants**

* Plants make their own food through photosynthesis.
* Plants don't move from place to place.
* Plants react to light, temperature and water
* Plants have chlorophyll, which is what makes leaves green and which is also needed for photosynthesis to take place.
* Plant walls (the outside of plants) are made out of a special material called cellulose.

**Types of Plants**   
  
There are many different types of plants. They are typically divided into two major groups: vascular and nonvascular.

* Vascular - These plants have specific tissues that help to move materials such as water through the plant. They are further divided into non-flowering plants and flowering plants. Most of the organisms you probably think of as plants, such as trees, bushes, and flowers, fit into this group.
* Nonvascular - These are smaller plants, such as mosses, that use diffusion and osmosis to move material through the plant.

**Interesting Facts about Plants**

* The fastest growing woody plant in the world is bamboo. Bamboo can grow up to 35 inches in just one day!
* Tomatoes and avocados are considered fruits.
* Fungi (mushrooms) and algae (seaweed) are not considered plants, but are part of their own kingdoms.
* There are nearly 600 different species of carnivorous plants that actually eat insects and small animals.
* The largest flower in the world is the rafflesia which can grow to over three feet in diameter.

1. Write the short answer of the following question:
   1. How plants make their food?
   2. How many types of plants are there?
   3. Name the fastest growing plant
   4. Name the largest flower of the world.
2. Write answer of the following questions?
   1. What is chlorophyll?
   2. What is cellulose?
   3. What is photosynthesis?
3. State the statement True or False:
   1. Tomatoes and avocados are considered fruits. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Plants make their own food with oil. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Bamboo can grow up to 35 inches in just one day. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. Plants stay in one place. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   5. Animals get their food directly from the sunlight. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. Fill in the blanks:
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the substance that makes up most of a plant’s cell. walls.
6. Plants need \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for Photosynthesis.
7. The Plants are typically divided into \_\_\_\_\_\_\_\_\_\_\_\_\_major groups.
8. The two major groups of plants are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are not considered plants.