**BLOG WORKSHEET**

**BIOLOGY CLASS9**

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Q.1. In an experiment to investigate starch production by a plant, three similar plants, each with variegated (green and white) leaves were set up as shown in Fig. 2.1.



 2.1.

1. Name the process that produces starch in the leaves.

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1. At the start of the experiment, each jar contained atmospheric air.

Name a gas, other than oxygen and carbon dioxide, which was present in the air inside the jar

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1. Explain how the conditions in jar L make it a control.

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1. At the end of the experiment, a leaf was taken from each plant and tested for the presence of starch. On the outline in Fig.2.2. Clearly label the colours of each leaf after the starch test.



 2.2.

1. When the air was first trapped under the jar, it contained 0.04% carbon dioxide. For each of the jars, explain why this percentage has changed by the end of the experiment.

Jar L----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Jar M---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Jar N---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Q.2. Plants are the only living creature which can use light energ from sun to produce their food.

 Look at the plant and answer the following questions:



1. Why are plants called **Producers.**
2. Explain how energy is trapped by a plant, stored and then released several days later.

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