

Additional Worksheet 1

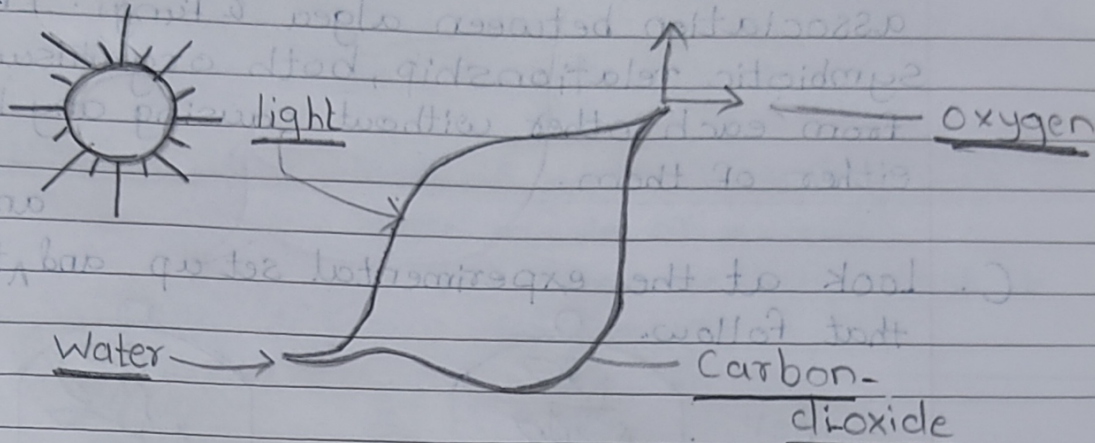


Thursday

Date 11/7/2021

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A Look at the picture depicting the process of Photosynthesis. Write the correct ~~an~~ answer in the boxes.



B. Write any one important feature of these plants/organisms.

1. Rhizobium -

Rhizobium bacteria helps in replenishing the soil with nitrogen naturally.

2. Cactus -

Cactus leaves are modified into spine to reduce to loss of water. So, photosynthesis take place in the thick and fleshy green stems that contain chlorophyll.

3. Mistletoe -

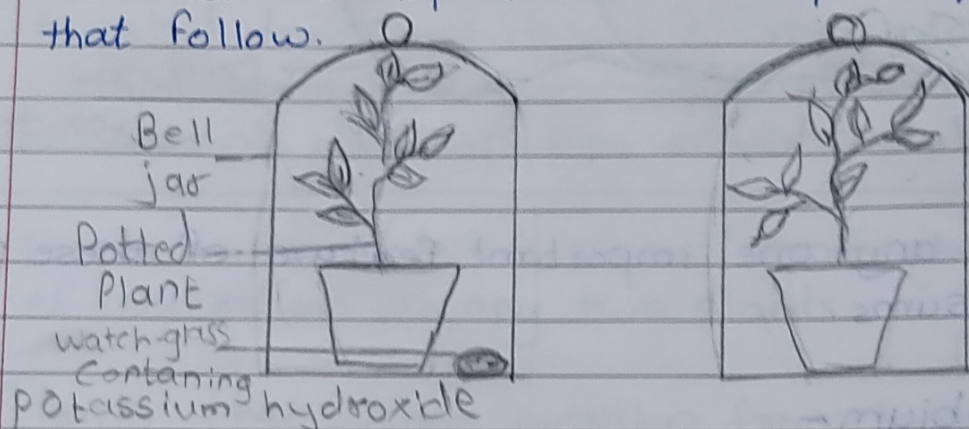
Mistletoe is a partial parasite as it has chlorophyll. Mistletoe can therefore make its own food by photosynthesis. But it depend on the host plant for water and minerals.

4. Lichen -

Lichens are an example of a symbiotic association between algae & fungi. In a symbiotic relationship, both organisms gain from each other without causing any harm to either of them.

answer

C. Look at the experimental set up and the question that follow.



1. In which potted plant will the process of photosynthesis continue?

→ In potassium hydroxide is in potted plant will the process of photosynthesis continue.

2. In which potted plant will the process of photosynthesis be hampered? Why?

→ In potted plant there is no potassium hydroxide there will not the photosynthesis process. because there is no carbon dioxide present in the Bell jar.



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3. What is the aim of the experiment?

→ The aim of the experiment is to show that carbon-dioxide is ~~pr~~ required for photosynthesis.

4. The Bell jars are made of glass. Will the result be the same if they were made of wood?

→ No, the result would not be the same because if it is of wood it will not get sunlight.