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Q5

a) plant A will lose more water than plant B because water will be lost through the stomata located on the underside of the leaf since it was NOT covered by oil.

Covering the top surface with oil will not reduce water loss since water leaves the leaf through

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the stomata which is located on the underside of the leaf.

b) The pots were covered with plastic bags to prevent the evaporation of water from the soil so that the test will be a fair test and we can compare the water loss from the leaves accurately without any other influence on the

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Results.

Q10

a) what is the effect of the presence of carbon dioxide on ^(glucose) starch production in the process of photosynthesis?

b) Leaf B because vinegar with baking soda will add carbon dioxide to the air which will be used by the plant to produce glucose (starch) in the

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process of photosynthesis.

Q11

a) water will leave the underside of the leaf through the stomata.

b) It is called transpiration.