AP Biology Pre-lab Questions Photosynthesis in Leaf Disks

1.	What do plants use to capture the light energy from the sun?				
2.	Explain the process of photosynthesis.				
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3.	What do living organisms need in order to grow and reproduce?				
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4.	How do autotrophs obtain their "free energy"?				
5.	How do heterotrophs obtain their "free energy"?				
6.	Where does photosynthesis occur in the plant?				
7.	Write the overall process of photosynthesis below:				
8.	Describe two ways that the net rate of photosynthesis can be determined. a b.				
9.	b				
J.	with is measuring the rate of oxygen production difficult:				
10.	Write the overall process of cellular respiration below:				
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11.	How will we indirectly determine the rate of photosynthesis to the rate of cellular respiration in this lab?				
19	Why are the disks of leaf tissue vacuum-infiltrated?				
14,	my are one disas of leaf obside vacuum millitated:				
13.	What will happen if the rate of photosynthesis exceeds the rate of respiration?				
	Transfer and the process of the fact of temptration:				
14.	What will happen if the rate of respiration exceeds the rate of photosynthesis?				

****Answer the prelab questions from the lab paper, page 2 (#1-4)

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