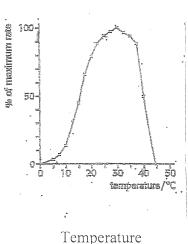
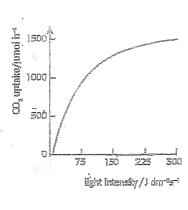
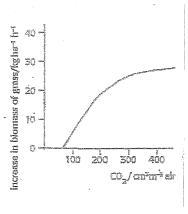
1. Outline the effects of temperature, light intensity, and carbon dioxide concentration on the rate of photosynthesis using the graphs below:

Rate of Photosynthesis







Light Intensity

CO<sub>2</sub> Concentration

Temperature:

Light Intensity:

CO<sub>2</sub> Concentration:

2. Predict the results of an experiment that measured the rate of photosynthesis for plants under four different conditions: white light, blue light, green light, and red light.

3.	Explain the shape of the pyrainid of e	mergy.	
4.	Fill in the blanks:recycled.	_ enters and leaves an ecosystem, but	must be
5.	How does combustion of fossil fuels affect the carbon cycle? What if rates of deforestation continue to rise as well? (See Campbell text page 1232 for an overview of the carbon cycle.)		
6.	What are the roles of saprotrophic bac	cteria and fungi in an ecosystem?	