Photosynthesis and Cellular Respiration Internet Scavenger Hunt

Name:­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Directions: Use the following websites to answer the questions. You may need to answer these question on a different piece of paper if you run out of room. You do not need to draw the processes just describe them. This will help you with the Plant Observation Lab as well as review for the exam. You do not have to use complete sentences, but if you don't make sure you use bullet points.

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| Question | Resource | Answer |
| 1) What is photosynthesis? | http://www.biology4kids.com/files/plants\_photosynthesis.html |  |
| 2) What is the formula for photosynthesis? | http://biology.clc.uc.edu/courses/bio104/photosyn.htm |  |
| 3) Where does photosynthesis occur? | http://biology.clc.uc.edu/courses/bio104/photosyn.htm |  |
| 4) What is chlorophyll? Why is it important? Be sure to discuss the optimum wavelength of light that is used in photosynthesis.  | http://www2.estrellamountain.edu/faculty/farabee/BIOBK/BioBookPS.html#Chlorophyll |  |
| 5) What is the light dependent reaction? Where does it occur and what are the products of the reaction? | https://cambridgecapp.wordpress.com/improving-photosynthesis/photosynthesis/light-dependent-reactions-of-photosynthesis/ |  |
| 6) What is the light independent reaction? Where does it occur and what are the products of the reaction? | https://cambridgecapp.wordpress.com/improving-photosynthesis/photosynthesis/light-independent-reactions-of-photosynthesis/ |  |
| 7) What is cellular respiration? | http://staff.jccc.net/pdecell/cellresp/respintro.html#thepoint |  |
| 8) Where does cellular respiration occur? | http://biology.clc.uc.edu/courses/bio104/cellresp.htm |  |
| 9) What is the formula for cellular respiration? | http://socratic.org/questions/what-is-the-chemical-equation-for-cellular-respiration |  |
| 10) Describe the two stages of cellular respiration. What are the outcomes of each process? | http://staff.jccc.net/pdecell/cellresp/respintro.html#stages |  |
| 11) What is fermentation (glycolysis)? Describe what is produced by gylcolysis.  | http://www.uic.edu/classes/bios/bios100/lecturesf04am/lect12.htm |  |