Internet Assignment: Cyclic & Noncyclic photophosphorylation

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date: \_\_\_\_\_\_\_\_\_\_\_ Class:\_\_\_\_\_\_\_

<http://highered.mcgraw-hill.com/olc/dl/120072/bio12.swf>

1. How many photosystems are involved in bacterial photosynthesis?
2. Once an electron is exjected by a photon of light from the reaction center, what picks it up?
3. List the next 3 places the electron will go
   1. .
   2. .
   3. .
4. What is the energy used to generate
5. What is this method for generating ATP called
6. How do plants and cyanobacteria differ from the bacteria mentioned above?
7. List the 4 parts located at the bottom of the animation used to generate this starting with PSII
8. What is the reaction center in PSII called? PSI?
   1. .
   2. .
9. List the 3 mobile carriers mentioned
   1. .
   2. .
   3. .
10. Why is this method called linear, or noncyclic photophosphorylation
11. The reducing power is generated in the form of