



Questions:

1. Explain(or list) in words the path that electrons take through the thylakoid.
Be sure to name all the terms in the legend in your explanation.

Water → P680/P680 → PQ → B6f → PC → P700/P700 → Fd → R → NADPH → NADPH

2. Explain how the concentration gradient affects the process of ATP synthesis.

- Increased concentration increases ATP production
- More protons in thylakoid interior means more protons can travel through ATP synthase generating ATP

3. Summarize what goes into the photosystems and what comes out of the systems.
Where will these products go?

P2 – electrons from water & light → electrons out to P1
P1 – electrons from P2 & light → electrons out. To NADPH