Bw 10-31

1. **When are CAM stomata open and why? At night to prevent dehydration or evapotranspiration**
2. **Which of the following will produce lipids and phospholipids- be specific.**
   1. **Endoplasmic reticulum c. rough endoplasmic reticulum**
   2. **Smooth endoplasmic reticulum d. Golgi apparatus**

**11-1**

1. **Write your name on the test**
2. **Work on chapter 7 outline due Friday.**
3. **NO PHONES UNTIL EVERYONE IS DONE.**
4. **Bonus questions:**
   1. **What chemical is oxidized and what chemical is reduced?**
   2. **Draw and label the difference between nucleotide, ADP, and ATP molecules?**
   3. **What two things are given off of an electron as it falls back to the ground state?**
   4. **How many ATP and NADPH molecules are needed in the Calvin cycle?**

**11-2 11-3**

1. **What does the chlorophyll do? Absorbs the photons**
2. **From where does the vesicle originate?**
   1. **Nucleus c. ribosome**
   2. **Golgi apparatus d. endoplasmic reticulum**

**11-4**

1. **What is the equation for respiration?**

**6O2 + C6H12O6 = 6CO2 + 6 H2O**

1. **What are the electron carriers in respiration?**
   1. **NADPH and FADH4 c. NADPH and NADP+**
   2. **NAD+ and FAD+ d. NADH and FADH2**