Bw 10-24

1. **Name any three factors of PS? Light, temperature, CO2, minerals**
2. **Which of the following is hydroxide?**
   1. **OH+ c. H3O+**
   2. **OH- d. H3O-**

**10-25 10-26**

1. **What is the chemical equation for PS?**

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

1. **Which kingdom has a cell wall with peptidoglycan then chitin?**
   1. **Animal, plant c. plant, archaea**
   2. **Archaea, bacteria d. bacteria, fungi**

**10-28**

1. **Where does the light reaction take place versus the dark- tell me which is which? Light in the thylakoid, dark in the stroma**
2. **Which of the following are monomers for the proteins and lipids?**
   1. **Glucose and glycerol c. glycerol and nucleotide**
   2. **Glycerol and amino acid d. glycerol and fatty acids**