**Q1- Define the words .**

1. **Growth 2- Transpiration 3-Oligosaccharides**

**4- Stomata index 5- Solubility**

**(20marke)**

**------------------------------------------------------------------**

**Q2- Fill the blanks with suitable words.**

1. **Structure of Carbohydrates are compounds composed of ----------------,**

**------------------ and-----------------.**

1. **Solutions can be classified in to types ---------------,-------------- and-------------.**
2. **Generally the water contents of seeds are ranged ---------------.**
3. **Among the most important monosaccharids are ----------------,---------------.**
4. **Cells at incipient plasmolysis have Ѱp equal to------------------.**

**(20marke)**

**----------------------------------------------------------**

**Q3- Draw molecular structure of water, then write (3) importance of water in plant life?**

**(10marke)**

**---------------------------------------------------------**

**Q4-Two conditions appear to be requisite for imbibitions to occur.**

**(10marke)**

**----------------------------------------------------------**

**Q5- 150ml of an aqueous Sodium Chloride solution contains 0.0045g NaCl. Calculate the concentration of NaCl in parts per million (mg/L)?**

**(20marke)**

**-----------------------------------------------------------**

**Q6- What is the pH of a (0.01M) aqueous solution of NaOH?**

**(20marke)**

**-----------------------------------------------------------------------------------------------------------**

**Asst. Lecture**

**Zhala M. Ameen.**