**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)**

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

 **(10marke)**

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

 **(10marke)**

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

 **(20marke)**

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

 **(20marke)**

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 **Asst. Lecture**

 **Zhala M. Ameen.**