**Carbohydrates**

|  |  |
| --- | --- |
| **Monomer** |  |
| **Molecular Formulas** | **General:****Triose:****Pentose:****Hexose:** |
| **Common Functional Groups** | **Carbonyl:** **Ketone:** **Aldehyde:****Hydroxyl:** |
| **Disaccharide:** | **Polysaccharide:** |
| **Type of Reaction to form bond between Monomers** | **This type of bond is called:****These bonds are named based on:** |
| **Type of Reaction to Break bond between Monomers** |  |
| **Functions of polysaccharides** | **1)****2)** |
| **Structural polysaccharides** **(type of bond, distinct features, digestible by humans?)** | **1)****2)** |
| **Storage polysaccharides** **(type of bond, distinct features, digestible by humans?)** | **1)****2)** **-** **-** |
| **Linear structure of B-Glucose** | **Ring Structure of B-Glucose** |