|  |  |
| --- | --- |
|  | **Carbohydrates** |
| **General Function** |  |
| **Key Characteristics:****-molecules involved:****-ratio of molecules:****-general molecular formula:** **-general structure:** |  |
| **Simple Carbohydrates** **Examples**  **&****Structural Diagrams** | i) Glucose: monosaccharide**Found in:** **Used for:****Diagram:** | ii) Fructose: monosaccharide **Found in:** **Used for:****Diagram:** | iii) Maltose: disaccharide**Found in:** **Used for:****Diagram:** |
| **Example of polymers** **&** **Structural Diagrams** | i) Starch**Found in:** **Used for:****Diagram:** | ii) Glycogen**Found in:** **Used for:****Diagram:** | Cellulose**Found in:** **Used for:****Diagram:** |





Biology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sec 2.5 **CLASSES OF ORGANIC MOLECULES** Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pg32-33 I. CARBOHYDRATES Block: \_\_\_\_\_



|  |  |
| --- | --- |
|  | **Lipids** |
| **a)What key characteristic do ALL lipids have in common?****b) List 3 examples of lipids** |  |
| **List 3 Functions Lipids have in the body:** |  |
| **Draw a diagram to show the synthesis & hydrolysis of a fat. (See Fig 2.22)** |  |
| **Notes on Lipids***Read the text and make your own notes for each heading***Structural Diagrams***Be sure to highlight/note key differences on the diagrams* | i) Saturated Fatty Acids | ii) Unsaturated Fatty Acid | iii) Triglyceride |
| iv) Phospholipid | v) Steroids |  |

Biology 12 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Sec 2.6 **CLASSES OF ORGANIC MOLECULES** Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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