

<p>Part C: Continued</p> <ul style="list-style-type: none"> □ Lipids <ul style="list-style-type: none"> -Triglycerides: energy storage, insulation, shock absorption -Phospholipids: Main structural component of membranes, where they arrange in bilayers. -Waxes: Lipids that serve as coatings for plant parts and as animal coverings. --Steroids: Component of animal cell membranes and/or modified to form sex hormones □ Proteins <ul style="list-style-type: none"> -enzymes, structural in cells, - part if the immune system, -transporters in and out of cells -any other example of a protein with function listed; such as Hemoglobin: an oxygen-transport protein in red blood cells □ Nucleic Acids <ul style="list-style-type: none"> - DNA, RNA, ATP tell why they are important 	<p>2</p> <p>2</p> <p>2</p> <p><i>Total pts 6</i></p>
<p>Part D: How are polymers created from monomers?</p> <ul style="list-style-type: none"> □ All macromolecules, lipids, carbohydrates, proteins or nucleic acids are all made by linking monomers together by dehydration synthesis or condensation reaction. <i>Full credit by stating all 3 macromolecules of interest are made in this way</i> □ Should of written the monomer (reactants) for each and the products, (polymer + H₂O) (<i>Must discuss all 3 macromolecules, reactants and products when making monomers into polymers.</i> □ During digestion these macromolecules are taken apart, by hydrolysis, must explain what happens here, <i>No need to mention all 3 but give an example from one macromolecule</i> 	<p>3</p> <p>6</p> <p>1</p> <p><i>Total pts 10</i></p>