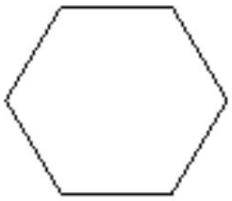
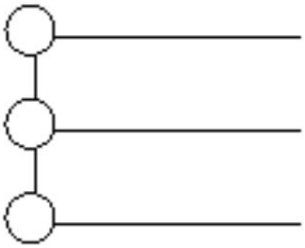
**Data for Biology Test 2-1 (Std 2/Obj 1)** ***Structure and Function of Life***

**Macromolecule Structures:**





***Lab Information:***

*Students performed an experiment with hydrogen peroxide ($H_2O_2$) and beef liver. Students understood that $H_2O_2$, when left in the open with no other material added to it, releases oxygen into the air, leaving behind water ($H_2O$). However this is a slow process that could take several hours to even notice a difference. For their experiment, students took the temperature of the $H_2O_2$ and then added a piece of beef liver. When the liver touches the $H_2O_2$ it immediately starts to bubble and a gas is quickly given off that has the properties of oxygen. In a short time, the reaction stops and students take the temperature to find that it has risen 3 degrees Celsius. As a control, students watch for change in a beaker with ammonia ($NH_3$) and liver to find that in the same time its temperature is unchanged and no bubbles are observed.*