

|                         |                    |             |                          |                    |
|-------------------------|--------------------|-------------|--------------------------|--------------------|
| <b>B</b>                | <b>I</b>           | <b>N</b>    | <b>G</b>                 | <b>O</b>           |
| short<br>term<br>energy | Benedict's<br>Test | ATP         | dehydration<br>synthesis | phospholipid       |
| isomer                  | amino<br>acid      | r group     | monosaccharide           | CH <sub>2</sub> On |
| purine                  | starch             | <b>FREE</b> | DNA                      | glycogen           |
| pyrimidine              | hydrolysis         | polypeptide | hydrophilic              | nucleotide         |
| peptide<br>bond         | fatty<br>acid      | enzyme      | lipid                    | denature           |

| <b>B</b>                 | <b>I</b>           | <b>N</b>               | <b>G</b>        | <b>O</b>           |
|--------------------------|--------------------|------------------------|-----------------|--------------------|
| IKI                      | RNA                | long<br>term<br>energy | isomer          | hydrophobic        |
| DNA                      | pyrimidine         | phospodiester<br>bond  | glycogen        | glycosidic<br>bond |
| r group                  | CH <sub>2</sub> OH | <b>FREE</b>            | starch          | Benedict's<br>Test |
| monosaccharide           | phospholipid       | lipid                  | hydrolysis      | carbohydrate       |
| dehydration<br>synthesis | nucleotide         | peptide<br>bond        | nucleic<br>acid | protein            |

|                |                  |                 |                                |                     |
|----------------|------------------|-----------------|--------------------------------|---------------------|
| <b>B</b>       | <b>I</b>         | <b>N</b>        | <b>G</b>                       | <b>O</b>            |
| IKI            | amine            | nucleotide      | isomer                         | amino acid          |
| peptide bond   | lipid            | Benedict's Test | glycogen                       | ATP                 |
| hydrophobic    | long term energy | <b>FREE</b>     | short term energy              | RNA                 |
| unsaturated    | steroid          | carbohydrate    | DNA                            | phosphodiester bond |
| monosaccharide | cholesterol      | starch          | CH <sub>2</sub> O <sub>n</sub> | phospholipid        |