**AP BIOLOGY 10 Q REVIEW BIOCHEMISTRY**

* What are the differences between DNA and RNA?
* The portion of a phospholipid that contains the phosphorous group has one or more electric charges. That makes this region of the molecule…
* In condensation reactions, the atoms that make up a water molecule are derived from…
* Of the following types of chemical bonds, the strongest bond in biological systems is the \_\_\_\_\_\_\_ bond.
* The functional group written as —COOH is called the \_\_\_\_\_\_\_ group.
* What is the difference between an acid and a base?
* Two characteristics of water make it different from most other compounds. Its solid state is \_\_\_\_\_\_\_ its liquid state, and it takes up \_\_\_\_\_\_\_ heat to change to its gaseous state.
* Why is the atomic weight of carbon 12.011 and not exactly its mass number, 12.000?
* In addition to covalent and ionic bonds, what are other important molecular interactions in biological systems?
* DNA molecules that carry different genetic information can be distinguished by looking at…

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