Assignment 1

The deadline for submitting this assignment has passed.

1. Name the compound that is formed by the following DNA sequence: 5' - ATGATGATG - 3'.

2. Draw the structure of ADP and ATP. (1 point)

3. A given DNA, the number of nucleotides in 5',3' and 3',5' is 2.00. The number of bases paired in each strand is 1.50. What is the number of nucleotides in the DNA strand? (1 point)

4. The number of bases paired in a DNA strand of 10 bases is 5.00. What is the number of bases in the DNA strand? (1 point)

5. ATP is the source of energy in living cells. The nucleotide present in ATP is (1 point)

6. The preferred sugar configuration of DNA is (1 point)

7. Among the following, which will have higher melting temperatures? (1 point)

8. The number of aromatic compounds in a DNA strand of 10 bases is 5.00. What is the number of aromatic compounds in the DNA strand? (1 point)

9. At pH 7, Thymine is what as (1 point)