**Definitions:** 

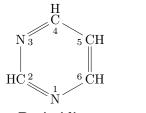
RNA Ribonucleic Acid
DNA Deoxyribonucleic Acid
rRNA Ribosomal RNA
tRNA Transfer RNA
mRNA Messenger RNA

gene A segment of a DNA molecule that contains a sequence of a functional biological

product, whether protein or RNA.

pyrimidine Cytosine, Thymine (DNA) and Uracil (RNA)

purine Adenine and Guanine



Pyrimidine

Purine

Purine or pyrimidine base  $\begin{array}{c|c} O & & & \\ \hline \\ O & \\ \\ O & \\ \hline \\ O & \\ \\$ 

Pentose