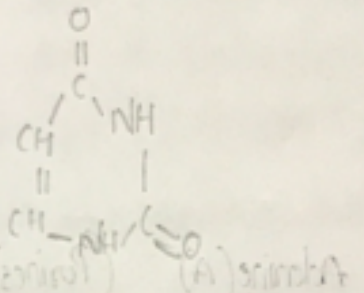
RNA Bases:-

RNA contains same Adenine, Guanine, Cytosine as DNA additionally RNA contains Uracil (U).



Uracil (Pyrimidines).

Different Bonding interactions in DNA and RNA:-

The hydrogen bonds are one of the most important intra- & inter-molecular interactions in biological macromolecules [1], and are responsible for the structural and functional differences in RNA and DNA.

* Measurments of hydrogen bonds in nucleic acids have been difficult due to interference of other weak interactions such as base stacking.

* Through a combination of direct experimental measurments on DNA and RNA, and ab initio calculations, it was shown $NH_3 - N_3 - H_3 - N_1$ hydrogen bonds of A:U base pairs in RNA duplexes are stronger than those of A:T base pairs in DNA.