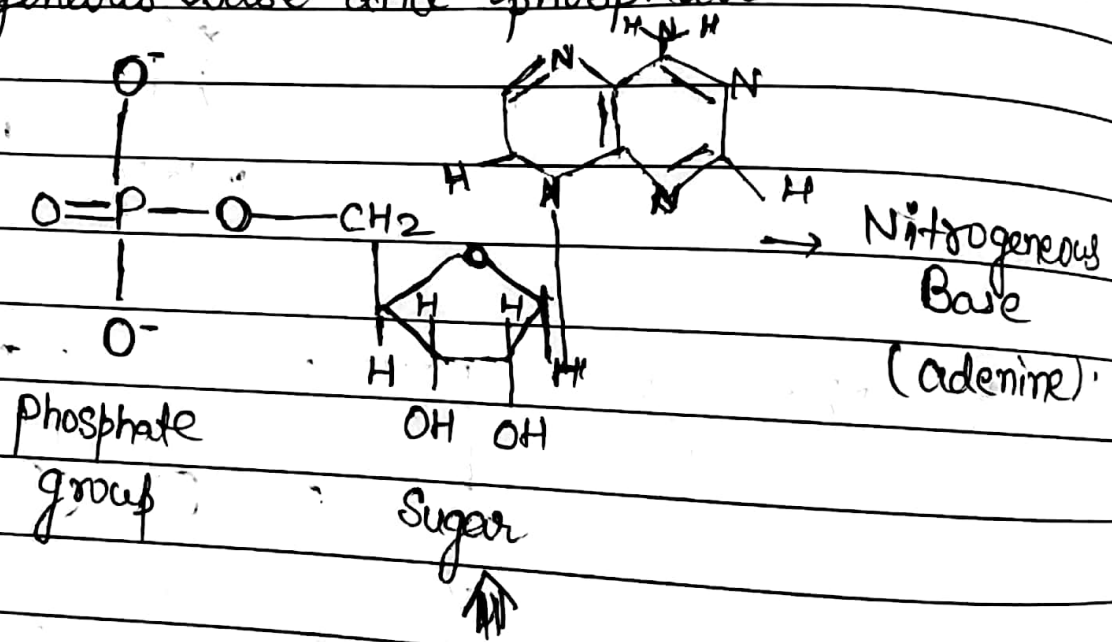


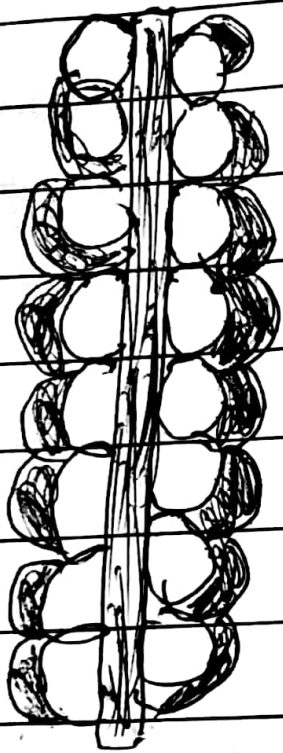
← Molecular basis of Inheritance : →

The DNA (deoxyribonucleic acid) is a double helical structure that was cracked by Watson and Crick based on the X-ray Crystallography results. Each strand of a DNA helix is composed of repeating units of nucleotides. Nucleotides consists of 3 components: ribose or deoxyribose sugar, nitrogenous base and phosphate-



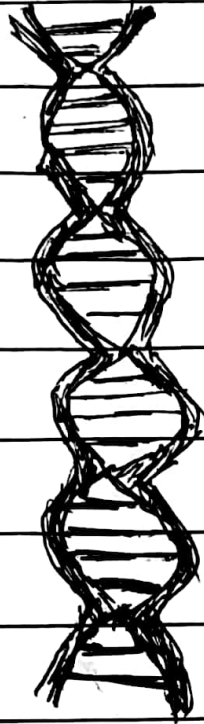
Structure of nucleotide

# Packaging of DNA Helix

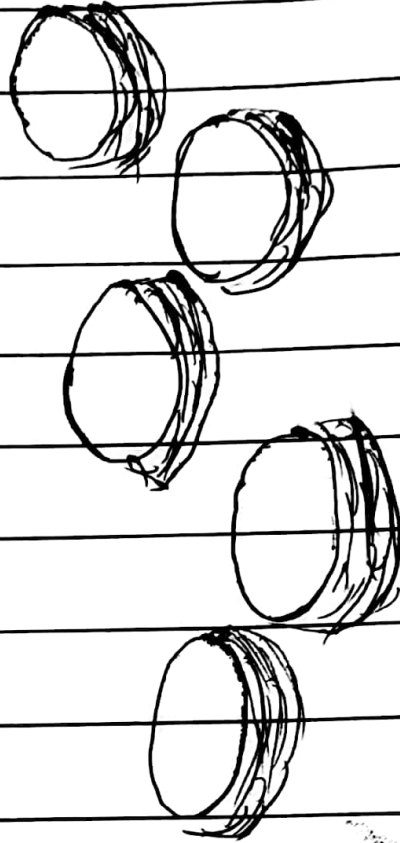


30 nm

Chromosome



2 nm  
DNA



11 nm

Nucleosomes