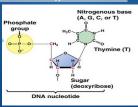
Chapter 8 From DNA to Proteins

8.2 Structure of DNA

- I. DNA is composed of four types of nucleotides
 - A. Nucleotides are the units that make up DNA made up of three parts:
 - 1. <u>5-carbon sugar called deoxyribose</u>
 - 2. Phosphate group
 - 3. One of four nitrogenous bases



a. Purines that have a two ring structurei. Adenine (A)
ii. Guanine (G)
b. Pyrimidines that have a single-ring structurei. Thymine (T)
ii. Cytosine (C)

How have a two ring structurei. Adenine (A)

How have a single-ring structureii. Thymine (T)
iii. Cytosine (C)

Pyrimidines

