**Home assignment number 2, Chapter 6, MOLECULAR BASIS OF INHERITANCE**

1. Who gave a double helix model of DNA? What are the salient features of this model?
2. Write the rules proposed by Erwin Chargaff?
3. What is central dogma? Who proposed it?
4. What is the function of Histone1 and what is linker DNA?
5. How does the DNA remain bound to histones?
6. Charge possessed by histones is positive. Why?
7. What is nucleoid? How DNA is held in a nucleoid?
8. How many histones are present in the nucleosome core and in total?
9. What is chromatin?
10. What are non-histone proteins?