**Karan Arora**  **R.L. Institute M: 9416974837**

**Max Time : 1 hr** **Class = 12th Chemistry Test Max Marks : 25**

**Biomolecules**

1. Write the function of RNA. [ 1 ]
2. Name the type of bonding which stabilizes -helix structure in proteins? [ 1 ]
3. Sketch the Zwitterion form of -amino acetic acid. [ 1 ]
4. What is the structural difference between a nucleoside and nucleotide? [ 1 ]
5. Name the vitamin whose deficiency cause (i) Night blindness (ii) Poor coagulation of blood.

[ 1 ]

1. What are the different types of RNA found in the cell? [ 2 ]
2. What do you understand by the term glycosidic linkage? [ 2 ]
3. Name the four bases present in DNA. Which one these is not present in RNA? [ 2 ]
4. What is the effect denaturation on the structure of proteins? [ 2 ]
5. Name two fat soluble vitamins, their sources and the diseases caused due to their deficiency in diet. [ 3 ]
6. Differentiate between fibrous and globular proteins. [ 3 ]
7. Distinguish between DNA and RNA. [ 3 ]
8. (i) Name the diseases caused by the vitamin C. [ 3 ]

(ii) Write the name of the linkage of joining two -amino acid

(iii) What are the three types of RNA molecules which performed different functions.