

Roll No. 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 01

Total No. of Questions : 08

**M.Sc. MLS (Biochemistry) (Sem.-1)**  
**STRUCTURE AND FUNCTIONS OF BIOMOLECULES**

Subject Code : MMLT-101-18

M.Code : 75409

DATE OF EXAMINATION : 10-01-2023

Time : 3 Hrs.

Max. Marks : 70

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE questions out of EIGHT question.
2. Each question carries FOURTEEN marks.

1. What is polysaccharides and write the occurrence, structure, properties and function of heteroglycans?
2. Discuss in detail lectin and its structure and also explain the biological applications of glycoproteins.
3. Write about tertiary structure of alpha and beta domain with its biological function.
4. Explain about amino acid sequence of protein and also discuss the biological functions of protein.
5. Discuss the A, B and Z DNA cruciform structure of DNA.
6. Classify lipids and also discuss the chemistry & properties of steroids.
7. Write down the structure, function and properties of riboflavin and folic acid.
8. Write about the source, structure, biochemical function and deficiency disease for myoglobin and cytochrome.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**