

**QP Code: 101383**

**Reg. No.....**

**First Year M.Sc. MLT Degree Supplementary Examinations April 2019  
(Biochemistry)**

**Paper I - General Biochemistry & Chemistry of Biomolecules**

**Time: 3 hrs.**

**Max. marks: 100**

- **Answer all questions**
- **Draw diagrams wherever necessary**

**Essays:**

**(10x10=100)**

1. Discuss about histones in detail.
2. Discuss isomerism in sugars.
3. The buffers of body fluids.
4. Discuss about ABC family of transporters.
5. Anticoagulants used in clinical laboratories.
6. Elucidation of primary structure of proteins.
7. Classify lipids and enumerate the functions of lipids
8. Discuss the applications of radio activity in diagnosis.
9. Discuss the difference between eukaryotic and prokaryotic cells.
10. Discuss about ion selective electrodes used in clinical chemistry

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