

**QP Code: 101383**

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

**First Year M.Sc. MLT Degree Examinations November 2018  
(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 pH meter in detail
2. Water as a universal solvent.
3. Secondary structure of proteins.
4. The functions of nucleotides.
5. Universal precautions against bio hazards.
6. The reactions of monosaccharides.
7. Discuss the fluid mosaic model of bio membranes.
8. Classify fatty acids and add a note on trans fatty acids.
9. Discuss the storage and disposal of radioactive materials.
10. What is potentiometry. Discuss about the ion selective electrodes

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