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TOPICS FOR INTERNAL ASSESSMENT ASSIGNMENTS (2008-09)
Course: M.Sc. BIO-TECHNOLOGY (Previous)

Note: Students are advised to read the separate enclosed instructions before beginning the writing of assignments.

Out of 15 Internal Assignment marks per paper, 5 marks will be awarded for regularity (attendance) to Counseling/ Contact Programme/ Practical classes pertaining to the paper. Therefore, the topics given below are only for 10 marks each paper.

Paper I: Chemistry of Biomolecules and Biostatistics

- 1 Write an account on the structural components of nucleic acids. **5 Marks**
- 2 What are experimental designs? Describe their applications in Biology. **5 Marks**

Paper II: Cell and Molecular Biology

- 1 Explain the structure and functions of Mitochondrion. **5 Marks**
- 2 Describe the process of translation in eukaryotes. **5 Marks**

Paper III: Microbiology & Immunology

- 1 Explain any two protozoan diseases of man. **5 Marks**
- 2 Write an account on the cells of immune system. **5 Marks**

Paper IV: Basic Enzymology

- 1 Describe the mechanism of enzyme kinetics. **5 Marks**
- 2 Give an account of Industrial applications of enzymes. **5 Marks**