

QP Code:102103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) -
November 2016**

Paper II – Molecular Biology, Immunology & Cancer

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Differentiate between eukaryotic and prokaryotic replication. Add a note on DNA repair

Short essays: (8x10=80)

2. LAC operon concept
3. Blotting techniques
4. Post transcriptional modifications
5. Apoptosis
6. Hybridoma technique and its clinical relevance
7. RFLP and its applications
8. Oncogenes
9. Gene therapy
