

QP Code:102103

Reg.No.:.....

PG Degree Examinations in Biochemistry (MD) - June 2015

Paper II – Molecular Biology, Immunology & Cancer

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. Detail the process of transcription with post transcriptional modifications with its inhibitors.

Short essays:

(8x10=80)

2. Cell cycle.
3. Polymerase chain reaction.
4. Types of immunoglobulins. Add a note on Ig G and Ig M.
5. Tumour markers.
6. Newborn screening methods.
7. DNA repair mechanisms.
8. Vectors and its applications.
9. Southern blotting.
