

QP Code:102103

Reg.No.:.....

**PG Degree Supplementary Examinations in Biochemistry (MD) –  
November 2017**

**Paper II – Molecular Biology, Immunology & Cancer**

**Time: 3 hrs**

**Max marks:100**

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

**Essays:**

**(20)**

1. Discuss the principle, process and applications of recombinant DNA technology.

**Short essays:**

**(8x10=80)**

2. Apoptosis

3. Oncogenes

4. DNA repair mechanisms

5. Bioinformatics

6. New born screening

7. Acute phase proteins

8. Prokaryotic transcription

9. Regulation of gene expression

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