

QP Code:102103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry
(MD) July 2023**

Paper II – Molecular Biology, Immunology & Cancer

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay: (20)

1. Describe the process of eukaryotic transcription. Add a note on post transcriptional modifications.

Short essays: (8x10=80)

2. Regulators of cell cycle.
3. Microarrays
4. Biochemistry of metastasis and add a note on Ames assay
5. Tumor markers
6. Steps of recombinant DNA Technology
7. Different types of DNA
8. Major histocompatibility complex.
9. DNA repair
