

QP Code:102103

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Biochemistry  
(MD) May 2022**

**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 steps in eukaryotic DNA replication. Add a note on DNA repair mechanisms.

**Short essays: (8x10=80)**

2. Lymphokines
3. Protein targeting
4. Hormone response element
5. Gene therapy
6. Molecular methods in new born screening
7. Apoptosis
8. Mutagens
9. RNA interference

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