

QP Code: 101109

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Microbiology
(MD) June 2024**

Paper I – General Microbiology and Immunology

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. Enumerate the cells of the immune system. Discuss the role of CD8 cells in immune response

Short essays:

(8x10=80)

2. Chemical Sterilants
3. Complement in health and disease
4. Role of Outer membrane protein as a virulence factor
5. Type 3 hypersensitivity
6. Transduction
7. Endotoxin mediated diseases
8. Maturation of T cells
9. Super antigens
