

QP Code: 101109

Reg. No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD)
November 2022**

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. Discuss microbial virulence factors and its role in infection

Short essays: (8x10=80)

2. BSL 3 facility
3. Recombinant DNA technology
4. Type 1 hypersensitivity
5. Immunofloresence test and its application
6. Central Sterile Supply Unit (CSSU)
7. Role of CD4 cells in immune response
8. Molecular methods of Diagnosis
9. Graft Rejection
