

QP Code: 101109

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Microbiology
(MD) June 2020**

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. Define autoimmunity. Describe the mechanism, disease spectrum and laboratory diagnosis of autoimmune diseases.

Short essays:

(8x10=80)

2. Transport media and its role in clinical microbiology
3. Bacterial classification methods
4. Anaerobic cultivation methods
5. Tumour antigens and its importance
6. Type I hypersensitivity reaction
7. Monoclonal antibody
8. Microbial virulence factors
9. Biosafety cabinets
