

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

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