

**QP Code:104109**

**Reg. No.:.....**

**PG Degree Regular/Supplementary Examinations in Microbiology  
(MD) July 2023**

**Paper IV - Applied Microbiology and Recent Advances in Microbiology**

**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 the role of Automation in Microbiology

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

2. Plasma Sterilization
3. H<sub>1</sub>N<sub>1</sub> Pdm 09
4. Antiviral agents
5. Vaccination of Health care workers
6. Laboratory Accreditation
7. Role of Hospital Infection Control Committee (HICC) in infection control in hospitals
8. Management of sepsis outbreak in an ICU
9. Carbapenem resistance

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