

QP Code:104109

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Microbiology
(MD) May 2022**

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. Enumerate nosocomial infections. Discuss the diagnosis, control and prevention of nosocomial infection.

Short essays:

(8x10=80)

2. Chemiluminescent immune assay (CLIA).
3. Housekeeping genes and their uses.
4. Antibiotic policy.
5. OT disinfection and periodic assessment.
6. Immunofluorescent techniques.
7. BCG vaccine.
8. Post exposure prophylaxis following needle stick injury.
9. Epidemiological typing methods.
