

QP Code:104109

Reg. No.:.....

**PG Degree Supplementary Examinations in Microbiology (MD)
October 2018**

Paper IV - Applied Microbiology and Recent Advances in Microbiology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essay:

(20)

1. Discuss the organization of CSSD in a teaching hospital

Short essays:

(8x10=80)

2. Current immunization schedule for polio.
3. Newer methods of blood culture systems.
4. Antibiotic stewardship.
5. DNA microarray and its applications.
6. Quality control in AST.
7. Genetically engineered vaccines.
8. Maintenance of stock cultures.
9. Newer antifungal agents.
