

QP Code:104109

Reg. No.:.....

PG Degree Examinations in Microbiology (MD) April 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 drug resistance in mycobacterium tuberculosis. Mention the various detection methods of resistant strains.

Short essays: (8x10=80)

2. Biomedical waste management
3. Flow cytometer and its applications
4. Laboratory information system (LIS)
5. Parasitic vaccines
6. WHO strategy of preventive chemoprophylaxis in parasitic diseases
7. Discuss the diagnosis of neonatal sepsis.
8. Management of needle stick injury
9. Zika virus
