

QP Code:104109

Reg.No.:.....

PG Degree Examinations in Microbiology (MD) - May 2017

Paper IV - Applied Microbiology and Recent Advances in Microbiology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. What are ESBLs. Discuss the methods of its detection in detail and clinical significance.

Short essays: (8x10=80)

2. Classify the medically important pseudomonas. Discuss burkholderia cepacia complex.
3. CLSI guidelines.
4. Discuss clinically important isolates of the genus corynebacteria other than C. diphtheriae.
5. Discuss antimicrobial chemoprophylaxis.
6. Super antigens and their clinical significance.
7. Discuss MDRTB and XDRTB.
8. Discuss the recent advances in viral vaccines.
9. Anti viral agents.
