

135-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008*

M.D. DEGREE EXAMINATION – MAY, 2017

MICROBIOLOGY

Paper-IV : Applied Microbiology and Recent Advances

Time: 3 Hours

Max. Marks:100

Note: Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Mechanisms of Linezolid Resistance
- 2) Quantitative estimation of bacterial load in cultures and its relevance
- 3) Molecular detection method in the diagnosis of Mycobacterium
Tuberculosis
- 4) Pneumococcal vaccines
- 5) Multiplex PCR
- 6) Bio safety cabinets
- 7) Recent guidelines on HIV treatment
- 8) Antibiotic Stewardship
- 9) Urine antigen detection tests
- 10) Implant infections – status and prevention
