

135-NR

Dr. NTR University of Health Sciences::Vijayawada-520 008
M.D. DEGREE EXAMINATION – NOVEMBER, 2016

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) Glycopeptide resistant staphylococcus aureus
- 2) Rapid methods in detection of drug resistance in bacteria
- 3) Automated Blood culture systems
- 4) Newer concepts in development of vaccines
- 5) Flow cytometry in Microbiology
- 6) Safe practices in Microbiology laboratory
- 7) Prognostic markers in HIV infection
- 8) Emerging and re-emerging viral infections in India
- 9) Role of Microbiologist in hospital infection control
- 10) Ventilator associated pneumonia
