

Q.P.CODE:133-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – MAY, 2017****MICROBIOLOGY****Paper-II : Systemic Bacteriology****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) Scrub typhus – etiology, pathogenesis and lab diagnosis
- 2) Enumerate the agents causing atypical pneumonia. Add a note on lab diagnosis of Mycoplasma pneumonia.
- 3) Bacterial endocarditis – lab diagnosis
- 4) Acinetobacter as a nosocomial pathogen
- 5) Catheter related urinary tract infection
- 6) Laboratory diagnosis of Syphilis
- 7) Adult vaccines
- 8) Salmonella vaccines
- 9) Resurgence of diphtheria
- 10) Colicin typing
