

Q.P.CODE:133-NR*Dr. NTR University of Health Sciences::Vijayawada-520 008***M.D. DEGREE EXAMINATION – APRIL, 2019****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) Virulence factors of *Staphylococcus aureus*
- 2) Laboratory diagnosis of enteric fever
- 3) Pathogenesis and laboratory diagnosis of gas gangrene
- 4) *Helicobacter pylori*
- 5) TRIC agents
- 6) Serological diagnosis of leptospirosis
- 7) *Mycobacterium leprae*
- 8) Malignant pustule
- 9) Central line associated blood stream infections
- 10) Drug resistance in enterococci
