



Q.P.CODE:506-A

DR. NTR UNIVERSITY OF HEALTH SCIENCES::AP::VIJAYAWADA-520 008

M.B.B.S. DEGREE EXAMINATION – FEBRUARY, 2018

SECOND M.B.B.S. EXAMINATION

MICROBIOLOGY

(BACTERIOLOGY & IMMUNOLOGY)

PAPER-I

Time : 2 Hours

Max. Marks: 40

Note: Answer all questions

Give diagrammatic representation wherever possible

- 1) List the virulence factors of Yersinia Pestis. Describe the pathogenesis of Bubonic Plague. Add a note on the laboratory diagnosis of Plague. 2+3+5=10

WRITE SHORT NOTES ON:

5X4=20

- 2) IFAT (Indirect Immunofluorescent Antibody Test)
3) Classify Immunodeficiency diseases
4) Type IV Hypersensitivity reaction
5) Bacterial Endospore
6) Laboratory diagnosis of Streptococcal (Group A) Sore Throat

WRITE BRIEFLY ON:

5X2=10

- 7) Endemic Typhus
8) Selective Media
9) Morphology of Neisseria Meningitis (Meningococcus) with diagram
10) Immunoglobulin A
11) Insertion Sequence

