

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:

5 X 4 = 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:

5 X 2 = 10

- 7) Endemic Typhus
- 8) Selective Media

- 9) Morphology of Neisseria Meningitis (Meningococcus)
with diagram
- 10) Immunoglobulin A
- 11) Insertion Sequence

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