



506-A

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA – 520 008

M.B.B.S. DEGREE EXAMINATION – JULY, 2015

SECOND M.B.B.S. EXAMINATION

MICROBIOLOGY

(BACTERIOLOGY & IMMUNOLOGY)

PAPER-I

Time : 2 Hours

Max. Marks: 40

Note : Answer all questions

Draw diagrammatic representation wherever necessary

1. List the virulence factors of Salmonella Typhi. Describe the pathogenesis of typhoid fever. Add a note on the laboratory diagnosis of typhoid. 2+3+5=10

WRITE SHORT NOTES ON:

5x4=20

2. ELISA (Enzyme Linked Immunosorbent Assay)
3. Diseases associated with deficiency of complement
4. Type IV hypersensitivity reaction
5. Bacterial Flagellum
6. Laboratory diagnosis of pneumococcal meningitis

WRITE BRIEFLY ON:

5x2=10

7. Brill Zinsser Disease
8. Enriched media
9. Morphology of Neisseria Gonorrhoeae (Gonococcus) with diagram
10. Natural Killer Cells
11. Phenotypic variation of bacteria

