

**Q.P.CODE:506-A**

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

M.B.B.S. DEGREE EXAMINATION – JULY, 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

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- 1) List the virulence factors of enterotoxigenic E. Coli (ETEC). 2+3+5=10

Describe the pathogenesis of diarrhoea caused by ETEC. Add a note on Laboratory diagnosis of Diarrhoea.

WRITE SHORT NOTES ON: 5X4=20

- 2) Complement fixation test
3) Natural Killer Cell
4) Type III Hypersensitivity Test
5) Bacterial Cell Wall
6) Laboratory Diagnosis of bacterial dysentery

WRITE BRIEFLY ON: 5X2=10

- 7) Trench Fever
8) Craigie's Tube
9) Morphology of C. Diphtheriae with diagram
10) Helper T cell
11) Transferable Drug Resistance

