

**Q.P. CODE: 506-A**  
**DR. NTR UNIVERSITY OF HEALTH**  
**SCIENCES::AP::VIJAYAWADA-520 008**  
**M.B.B.S. DEGREE EXAMINATION – JULY, 2017**  
**SECOND M.B.B.S. EXAMINATION**  
**MICROBIOLOGY**  
**(BACTERIOLOGY & IMMUNOLOGY)**  
**PAPER-I**

Time: 2 Hours

Max. Marks: 40

**Note: Answer all questions**

1) Define and classify Hyper Sensitivity. Describe in detail Anaphylaxis. 2+3+5=10

**Give diagrammatic representation wherever possible**

**WRITE SHORT NOTES ON:**

5 x 4 = 20

2) Autoclave

3) Lab Diagnosis of Pulmonary Tuberculosis

4) Acquired Immunity

5) Standard tests for Syphilis

6) Virulence and Pathogenicity of Streptococcus Pneumoniae

**WRITE BRIEFLY ON:**

5 x 2 = 10

7) Simple Media

8) Suppressor T-Cell (Treg Cells)

9) Morphology of Clostridium Tetani

10) Mention four bacteria causing diarrhoea

# 11) Scrub Typhus

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