

**Q.P. CODE: 506-A**  
**DR NTR UNIVERSITY OF HEALTH SCIENCES ::**  
**VIJAYAWADA-8**  
**M.B.B.S. DEGREE EXAMINATION - OCTOBER, 2008**  
**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) Enumerate the Acid fast bacilli. Classify Leprosy. Discuss the Morphology and laboratory diagnosis of Mycobacterium leprae. (3+3+6=10)

**WRITE SHORT NOTES ON:**

5 x 4 = 20

- 2) Streptococcal Toxins.
- 3) Louis Pasteur.
- 4) Precipitation reactions.
- 5) Anthrax.
- 6) Bacterial capsule.

**WRITE BRIEFLY ON:**

5 x 2 = 10

- 7) Heterophile antigen.
  - 8) Coagulase test.
  - 9) Blood agar.
  - 10) String test.
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# 11) Bacterial live vaccines.

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