

Q.P. CODE: [INSERT CODE HERE]
DR NTR UNIVERSITY OF HEALTH SCIENCES ::
VIJAYAWADA-8
M.B.B.S. DEGREE EXAMINATION - JANUARY, 2015
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 necessary

1) Describe cultural characters of Mycobacterium tuberculosis. Give steps for laboratory diagnosis of a case of pulmonary tuberculosis. Describe B.C.G. Vaccine in detail. 3+4+3=10

WRITE SHORT NOTES ON:

5 x 4 = 20

- 2) Urinary tract infection
- 3) Gas gangrene
- 4) IgE
- 5) Active Immunity
- 6) Modes of transmission of infection

WRITE BRIEFLY ON:

5 x 2 = 10

- 7) Selective media
 - 8) Mention two toxins and two enzymes produced by Streptococcus pyogenes
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- 9) Serological Tests for Syphilis
- 10) Components of Complement
- 11) Mention four requirements of ideal chemical disinfectant

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