



506-A

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*. 3+4+3=10
Give steps for laboratory diagnosis of a case of pulmonary tuberculosis. Describe B.C.G. Vaccine in detail.

WRITE SHORT NOTES ON:

5X4=20

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

WRITE BRIEFLY ON:

5X2=10

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

