



[LQ 540]

FEBRUARY 2020

Sub.Code :5063

**M.B.B.S. DEGREE EXAMINATION
SECOND YEAR
PAPER III – MICROBIOLOGY – I**

Q.P. Code: 525063

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 3 + 3 + 2 = 10)

1. Classify Rickettsia. Write in detail about pathogenesis and lab diagnosis of typhus fever and write about Brill Zinsser disease.

II. Write notes on:

(6 x 4 = 24)

1. Radiation sterilization and gas sterilization.
2. Identification of bacteria.
3. Pseudomonas infections.
4. Bacillus anthrax.
5. ELISA.
6. Mycetoma.

III. Short answers on:

(6 x 1 = 6)

1. Fluorescent microscopy.
2. Plasmids.
3. Indirect Coombs test.
4. Significant bacteriuria.
5. Vincent's angina.
6. XDR tuberculosis.
