

[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.

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