

[LN 540]

AUGUST 2018

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:

(1 x 10 = 10)

1. Classify anaerobes. Describe the aetiology, pathogenesis, lab diagnosis and prophylaxis of tetanus.

II. Write notes on:

(6 x 4 = 24)

1. Mutations.
2. Complement deficiency diseases.
3. HLA typing.
4. Enterohemorrhagic escherichia coli.
5. Lab diagnosis of cholera.
6. Heat sterilization.

III. Short answers on:

(6 x 1 = 6)

1. Affinity and avidity.
2. Name any two enriched culture media.
3. Name the animal models used for cultivation of mycobacterium leprae.
4. C – reactive protein.
5. Commensals.
6. Non-venereal treponemes.
