

[LM 540]

FEBRUARY 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. Enumerate the methods of gene transfer and discuss the mechanisms of drug resistance in bacteria.

II. Write notes on:**(6 x 4 = 24)**

1. Recombinant DNA technology in vaccine production.
2. Auto immunity.
3. Enterococci.
4. Exotoxins.
5. Gaseous sterilization.
6. Bordetella pertussis.

III. Short answers on:**(6 x 1 = 6)**

1. MALT.
2. Clostridium difficile.
3. Satellitism.
4. Widal test.
5. Chancre.
6. BCG.
