

[LL 540]

AUGUST 2017

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 sterilisation process. Describe the principle, mechanism and uses of autoclave.

**II. Write notes on:**

**(4 x 5 = 20)**

1. Chocolate agar.
2. Passive immunity.
3. Laboratory diagnosis of leptospirosis.
4. Gonococci.

**III. Short answers on:**

**(5 x 2 = 10)**

1. Name two bacteria with capsule.
2. Graft versus host reaction.
3. Louis Pasteur.
4. Mention four toxins of streptococcus pyogenes.
5. Name four zoonotic disease caused by bacteria.

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