

[LP 540]

AUGUST 2019

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 + 2 + 1 + 3 + 2 + 1 = 10)**

1. A 25 year old female admitted with history of watery diarrhoea resembling rice water of 24 hrs duration along with copious vomiting. What is your diagnosis? Write the pathogenesis, sample collections, lab diagnosis and treatment of the above clinical condition. Add a note prophylaxis.

**II. Write notes on:**

**(6 x 4 = 24)**

1. Toxic shock syndrome.
2. Immunoglobulin M. (IgM).
3. Gas gangrene.
4. PCR.
5. Soft sore.
6. Pasteurization.

**III. Short answers on:**

**(6 x 1 = 6)**

1. Enumerate Koch's postulates.
2. Dark ground microscopy.
3. Enumerate the primary mediators of anaphylaxis.
4. HLA.
5. Causative agent of actinomycosis.
6. Coombs test.

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