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Q.P. Code: MBB205

M.B.B.S. [2nd Prof.]

BF/2021/02

Microbiology - A

M.M. : 40 Time : 3 Hours

Note:
1. Attempt all questions. Illustrate your answer with suitable diagrams.
2. ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.
3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
4. **The student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

PART - I

1. **Discuss the following:-**
   a. Louis Pasteur [4]
   b. Fimbriae [4]

2. **Write in brief:-**
   a. Bacterial growth curve [3]
   b. IgM [3]

3. **Write short notes on:-**
   a. Conjugation [3]
   b. Western blot [3]

PART – II

4. Describe clinical types, etiological agents and laboratory diagnosis of blood stream infections. [8]

5. **Write briefly about:-**
   a. Toxic shock syndrome toxin [3]
   b. Virulence factors of E. coli [3]

6. **Write in brief:-**
   a. Laboratory diagnosis of plague [3]
   b. Lyme disease [3]

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