

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

BF/2019/11

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. Contributions of Paul Ehrlich [4]
 - b. Bacterial capsule [4]
2. **Write in brief:-**
 - a. Precipitation reactions [3]
 - b. IgM antibody [3]
3. **Write short notes on:-**
 - a. Moist heat sterilization [3]
 - b. Transport media [3]

PART - II

4. Name various organisms causing meningitis. How will you diagnose it in the laboratory. [8]
 5. **Describe the following:-**
 - a. Patho-types of Escherichia coli [3]
 - b. Leprosy [3]
 6. **Write short notes on:-**
 - a. Bacterial dysentery [3]
 - b. Passive immunization [3]
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