

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

BF/2020/06

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. Ignaz Semmelweis [4]
 - b. Capsule [4]
2. **Write in brief:-**
 - a. Pasteurization [3]
 - b. Passive immunity [3]
3. **Write short notes on:-**
 - a. Transduction [3]
 - b. Precipitation reaction [3]

PART - II

4. Describe clinical types, etiological agents and laboratory diagnosis of urinary tract infection (UTI). [8]
 5. **Write briefly about:-**
 - a. Classification of Streptococci [3]
 - b. Gas gangrene [3]
 6. **Write in brief:-**
 - a. Tuberculin test [3]
 - b. Laboratory diagnosis of enteric fever [3]
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