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Q.P. Code: MBB205

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

BF/2022/06

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. Edward Jenner [4]
   b. Various staining techniques of bacterial cell [4]

2. **Write in brief: -**
   a. Steam sterilizer [3]
   b. Transduction [3]

3. **Write short notes on: -**
   a. Innate immunity [3]
   b. ELISA [3]

PART – II

4. Enumerate microbial agents causing diarrhea and dysentery. Describe the pathogenesis, clinical features and diagnostic modalities of bacterial agents causing diarrhea. [8]

5. **Write briefly about: -**
   a. Lab diagnosis of Diphtheria [3]
   b. Laboratory diagnosis of NTM [3]

6. **Write in brief: -**
   a. NGU (Non gonococcal urethritis) [3]
   b. Atypical pneumonia [3]

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