

# M.B.B.S. [2<sup>nd</sup> Prof.]

BF/2022/02

## Pharmacology - B

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. **Explain why?**
  - a. Oxytocin is preferred for augmentation of labour [2]
  - b. MESNA is given with cyclophosphamide [2]
  - c. Tetracyclines should be avoided in pregnancy and in children [2]
  - d. Diuretics are used in the treatment of hypertension [2]
2. Enumerate oral hypoglycemic agents. Discuss mechanism of action and uses of metformin. [2+2+2]
3. **Discuss the rationale for the use of:**
  - a. Primaquine in vivax malaria [2]
  - b. Tamoxifen in breast cancer [2]
  - c. Isosorbide dinitrate in angina [2]

### PART - II

4. **Discuss the pharmacotherapy of the following: -**
    - a. Iron deficiency anaemia [3]
    - b. Urinary tract infection [3]
    - c. Chronic hepatitis C infection [2]
  5. **Write down the mode of action and uses of the following:-**
    - a. Fluoroquinolones [2]
    - b. Adenosine [2]
    - c. Labetalol [2]
  6. **Write short notes on:-**
    - a. Ivermectin [2]
    - b. Low molecular weight heparins [2]
    - c. Statins [2]
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