

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

BF/2023/02

## 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. Sildenafil is contraindicated in patients as nitrate therapy [2]
  - b. Corticosteroids should not be stopped suddenly in patients [2]
  - c. Dapagliflozin is used in type 2 diabetes mellitus [2]
  - d. Low dose ritonavir therapy is used in anti-human immunodeficiency virus(anti HIV) therapy [2]
2. Enumerate drugs used in congestive heart failure. Describe the mechanism of action and adverse effects of furosemide. [2+2+2]
3. **Discuss the rationale for the use of:**
  - a. Tamoxifen in breast cancer [2]
  - b. Carbimazole in hyperthyroidism [2]
  - c. Rivaroxaban in prophylaxis of stroke [2]

### PART - II

4. **Discuss the pharmacotherapy of the following: -**
  - a. Wide angle glaucoma [3]
  - b. Hypertensive in pregnancy [3]
  - c. Scabies [2]
5. **Write down the mode of action and uses of the following: -**
  - a. Rifampicin [2]
  - b. Aminodarone [2]
  - c. Vitamin A analogues [2]
6. **Write short notes on:-**
  - a. Newer anticoagulants [2]
  - b. Monoclonal antibodies pharmacotherapeutics uses [2]
  - c. Toxicity amelioration in cancer chemotherapy [2]

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