

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

BF/2022/06

## 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. Multidrug chemotherapy is used in the treatment of tuberculosis [2]
  - b. Aspirin is used in the treatment of acute myocardial infarction [2]
  - c. Corticosteroids should not be stopped abruptly after prolonged use [2]
  - d. Dopamine is used in the management of shock [2]
2. Enumerate medicines used in angina. Describe mechanism of action and adverse effects of nitrates. [2+2+2]
3. **Discuss the rationale for the use of:**
  - a. Combining piperacillin with tazobactam [2]
  - b. Erythropoietin in chronic renal failure [2]
  - c. Leucovorin along with methotrexate during cancer chemotherapy [2]

### PART - II

4. **Discuss the pharmacotherapy of the following: -**
    - a. Diabetic ketoacidosis [3]
    - b. Deep vein thrombosis [3]
    - c. Uncomplicated malaria due to plasmodium vivax [2]
  5. **Write down the mode of action and uses of the following: -**
    - a. Amphotericin B [2]
    - b. Azithromycin [2]
    - c. Atorvastatin [2]
  6. **Write short notes on:-**
    - a. Combined contraceptive pill [2]
    - b. Long acting insulins [2]
    - c. Gonadotropin releasing hormones analogues [2]
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