

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

BF/2021/07

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. Finasteride is used in the management of benign prostatic hyperplasia [2]
 - b. Beta blockers are used in the management of angina [2]
 - c. Sulfamethoxazole is combined with trimethoprim [2]
 - d. Ticarcillin is used in combination with clavulanic acid [2]
2. Classify glucocorticoids. Write mechanism of action and therapeutic uses of methylprednisolone. [2+2+2]
3. **Discuss the rationale for the use of:**
 - a. Potassium sparing diuretic in combination with a thiazide diuretic [2]
 - b. ACE inhibitors in chronic heart failure [2]
 - c. Phentolamine in hypertensive emergencies [2]

PART - II

4. **Discuss the pharmacotherapy of the following:-**
 - a. Malaria due to plasmodium falciparum [3]
 - b. Acute iron poisoning [3]
 - c. Visceral leishmaniasis [2]
 5. **Write down the mode of action and uses of the following:-**
 - a. Amiodarone [2]
 - b. Metronidazole [2]
 - c. Warfarin [2]
 6. **Write short notes on:-**
 - a. Trastuzumab [2]
 - b. Mifepristone [2]
 - c. Rifampicin [2]
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