

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

BF/2019/11

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. Use of antitubercular therapy can cause failure of oral contraception. [2]
 - b. MESNA is given with cyclophosphamide. [2]
 - c. Pregnancy should be ruled out when prescribing vitamin A analogue isotretinoin. [2]
 - d. Lopinavir is combined with ritonavir for the treatment of HIV infections. [2]
2. **Write in brief about the therapeutic uses and adverse effects of the following:-**
 - a. Vancomycin [2]
 - b. Labetalol [2]
 - c. Warfarin [2]
3. **Discuss the drug treatment of the following:-**
 - a. Malaria due to Plasmodium vivax [2]
 - b. Acute heart failure [2]
 - c. Hepatic amoebiasis [2]

PART - II

4. **Write in brief about the following:-**
 - a. Rationale for the use of finasteride in benign hyperplasia of prostate [2]
 - b. Clinical uses of glucocorticoids [2]
 - c. Rationale for the use of octreotide in acromegaly [2]
 - d. Rationale for adding diuretics to treat refractory hypertension [2]
5. **Write down the mode of action and uses of the following:-**
 - a. Erythromycin [2]
 - b. Methotrexate [2]
 - c. Ezetimibe [2]
6. **Write short notes on:-**
 - a. Newer insulins [2]
 - b. Treatment of infections caused by methicillin-resistant Staphylococcus aureus (MRSA) [2]
 - c. Urinary antiseptics [2]