

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

BF/2020/06

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. Propranolol is used in the treatment of thyrotoxicosis. [2]
 - b. Artemisinin derivatives are preferably prescribed in combinations for treatment of malaria. [2]
 - c. LMW heparin is preferred over conventional heparin in treatment of deep vein thrombosis. [2]
 - d. Estrogen is combined with progesterone for contraception in female. [2]
2. Enumerate insulin preparations. Describe mechanism of action, pharmacological actions of lispro insulin. [2+2+2]
3. **Discuss the rationale for the use of:**
 - a. Leflunomide in the treatment of rheumatoid arthritis. [2]
 - b. tissue-Plasminogen activator in the treatment of myocardial infarction. [2]
 - c. Bisphosphonates in the treatment of osteoporosis. [2]
 - d. Letrozol in the treatment of breast cancer. [2]

PART - II

4. **Discuss the pharmacotherapy of the following:-**
 - a. H. pylori induced peptic ulcer. [2]
 - b. Pulmonary tuberculosis. [2]
 - c. Acute attack of angina [2]
5. **Discuss the therapeutic uses and adverse effects of:-**
 - a. Prednisolone [2]
 - b. Rifampicin [2]
 - c. Bisoprolol [2]
6. **Write short notes on:-**
 - a. Penicillamine [2]
 - b. PUVA therapy [2]
 - c. Albendazole [2]
