

**MBBS 2nd PROFESSIONAL EXAMINATION, 2020****PHARMACOLOGY****PAPER I****Time Allowed: Three Hours****Maximum Marks- 40**

Note:- Attempt all questions in serial order. All parts of a question should be answered together. Figures in parenthesis indicate marks allotted to a question.

- Q1. Classify antimalarial drugs. Describe mechanism of action, uses and adverse effect and contraindication of Chloroquine. (5)
- Q2. Enumerate low molecular weight heparins. Describe with clinical relevance their differences with unfractionated heparin. (5)
- Q3. What is menopausal hormone therapy (MHT)? Mention the indications and describe the advantages and disadvantages of MHT. (5)
- Q4. Mention the limitations of benzyl penicillin (penicillin-G). Describe with suitable examples how the other penicillins are useful to overcome these limitations. (5)
- Q5. Enumerate five biological agents for rheumatoid arthritis. Briefly describe the mechanism of action and mode of administration of each. (5)
- Q6. Classify antihypertensive drugs. Write mechanism of action, uses, adverse effect and contra indication of calcium channel blockers. (5)
- Q7. On the basis of mechanism of action, classify drugs effective in treatment of cardiac failure. Describe the current status of digoxin and its interaction with drugs affecting Potassium level. (5)
- Q8. Describe with examples the additional mechanisms of second-generation H₁ blockers. Describe their disadvantages over first generation agents. Mention two antihistaminics used topically. (5)

