

**PHARMACOLOGY**

**PAPER-II**

Time: 3 hours  
Max. Marks:100

PHARM/J/19/34/II

**Important Instructions:**

- *Attempt all questions in order.*
- *Each question carries 10 marks.*
- *Read the question carefully and answer to the point neatly and legibly.*
- *Do not leave any blank pages between two answers.*
- *Indicate the question number correctly for the answer in the margin space.*
- *Answer all the parts of a single question together.*
- *Start the answer to a question on a fresh page or leave adequate space between two answers.*
- *Draw table/diagrams/flowcharts wherever appropriate.*

**Write short notes on:**

- |     |  |         |
|-----|--|---------|
| 1.  | Pathophysiology and pharmacotherapy of gout.   | 3+7     |
| 2.  | a) Mechanisms of action and uses of anticoagulant drugs.<br>b) Mechanisms of action and uses of diuretic agents.   | 5+5     |
| 3.  | Antibiotic stewardship and its importance in clinical practice.  | 6+4     |
| 4.  | a) Management of Vancomycin Resistant Staphylococcal infection.<br>b) Nutraceuticals.  | 5+5     |
| 5.  | Drugs modulating serotonin receptors and their therapeutic uses.   | 3+7     |
| 6.  | Enumerate the different classes of antimalarial drugs. Describe the treatment of chloroquine resistant malaria. Write in brief about suppressive prophylaxis of malaria. | 3+4+3   |
| 7.  | a) Therapeutic uses and side effects of glucocorticoids.<br>b) Therapeutic uses and side effects of azalides.  | 5+5     |
| 8.  | a) Pharmacotherapy of Alzheimer's disease.<br>b) Drug induced Q-T interval prolongation.   | 5+5     |
| 9.  | Classify hormonal contraceptives. Discuss the mechanism of action and adverse effects of combined oral contraceptives.   | 3+(4+3) |
| 10. | Management of opioid use disorder.   | 10      |

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