

**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. 5+5  
b) Mechanisms of action and uses of diuretic agents.
3. Antibiotic stewardship and its importance in clinical practice. 6+4
4. a) Management of Vancomycin Resistant Staphylococcal infection. 5+5  
b) Nutraceuticals.
5. Drugs modulating serotonin receptors and their therapeutic uses. 3+7
6. Enumerate the different classes of antimalarial drugs. 3+4+3  
Describe the treatment of chloroquine resistant malaria. Write in brief about suppressive prophylaxis of malaria.
7. a) Therapeutic uses and side effects of glucocorticoids. 5+5  
b) Therapeutic uses and side effects of azalides.
8. a) Pharmacotherapy of Alzheimer's disease. 5+5  
b) Drug induced Q-T interval prolongation.
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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