

DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO.
QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MAL-PRACTICE
ANSWER THE QUESTIONS SERIALY AND CONTINUOUSLY

Subject: PHARMACOLOGY & TOXICOLOGY (Theory)

Full Mark - 80

Time - 3 Hrs.

(Answer any five questions including question No. 1)

1. Define the following terms: (Within 20 words) (20x1)
i) Agonist ii) Therapeutic Index iii) Affinity iv) Antimetabolite
v) Haemolysis vi) Teratogenic effect vii) Autacoid viii) Plasma half-life
ix) Super infection x) Facilitated diffusion xi) Neuroleptics xii) Glaucoma
xiii) Drug dependence xiv) Zollinger Ellison Syndrome xv) Uricosuric agent xvi) Bioassay
xvii) Chemotherapy xviii) True tolerance xix) Synergism xx) Myasthenia gravis
2. Define & classify Diuretics, describe the mechanism of action, pharmacological actions, adverse effects & uses of Loop diuretics. (2+3+10)
3. Define and classify local anaesthetics. Explain the mechanism of action, pharmacological action, adverse effects and uses of local anaesthetics. (2+3+3+3+2+2)
4. Write short notes on any three: (5x3)
i) Calcium channel blockers ii) MAO inhibitors iii) Oral hypolipemic agents
iv) Antitussive and expectorants v) Stages of general anaesthesia
5. a) Classify different routes of drug administration. Write a note on oral & parenteral route with their advantages & disadvantages. (4+6)
b) Write short notes on the Novel drug delivery system (NDDS). (5)
6. Define and classify antidepressant drugs. Discuss the mechanism of action, pharmacological action, adverse effect of Tricyclic antidepressant. (2+4+3+3+3)
7. Write short notes on any three: (5x3)
i) Drugs used for Peptic Ulcer Diseases ii) Antitussive & expectorants
iv) Opioid Analgesics iv) Chloroquine

