

DO NOT WRITE ANYTHING ON YOUR QUESTION PAPER EXCEPT YOUR ROLL NO. QUESTION PAPER CONTAINING ANYTHING WOULD BE TREATED AS MALPRACTICE

Answer the questions serially and continuously

Subject: PHARMACHEMISTRY-II (Theory)

Full Mark -80

Time -3 hrs

(Answer any five questions including question No. 1)

1. a) Give the structures of the following heterocyclic rings with numbering. (10x1)
& Write down name of one drug for each heterocyclic rings.
i) Pyrrole ii) Piperazine iii) Thiazole iv) Azepine v) Imidazoline
vi) Phenazine vii) Acridine viii) Quinolines ix) Coumarin x) Furan
b) Write the Chemical structure & uses of following compounds (5x1)
i) Metronidazole ii) Propranolol iii) Phenformin iv) PAS v) Ethylnitrite
2. Write short notes on any THREE: (3x5)
i) Steroidal Drugs
ii) Local Anaesthetics
iii) Classify β lactam Antibiotics with suitable example
iv) High ceiling Diuretics
3. Write short notes on the following agents (any THREE). (3x5)
i) Sedative & Hypnotic drugs ii) Oral Hypoglycaemic Agents
iii) Antimalarial Drug iv) Cardiac Glycosides
4. What do you mean by Sulphonamides? Classify them by giving suitable examples. [2+4+(3x3)]
Mention chemical structure, chemical name and uses of the following drugs:
i) Sulfadiazine ii) Sulfacetamide iii) Sulphamethoxazole
5. Define and classify Analgesics. Write the structure, nomenclature and brand names of the following drugs: [1+5+(3x3)]
i) Indomethacin ii) Aspirin iii) Phenylbutazone
6. What are anticholinergic drugs? Classify them with suitable examples. [1+2+(4x3)]
Write the structure nomenclature, popular brand name and uses of the following.
i) Atropine ii) Propantheline iii) Biperiden
7. Write short notes on any THREE (3x5)
a) Anticoagulant
b) Anti neoplastic drugs
c) Anti-Fungal agents
d) Anthelmintic Drugs
e) Antitubercular Drugs
