

Annual Examination 2022
B. Pharm 4th Year
Medicinal Chemistry-II

Time: 3Hrs

Max. Marks-80

Note: Attempt any five questions:

1. Explain cholinergic receptors classify cholinergic agents. Write SAR of acetylcholine
2. Classify general anesthetics and add a note on SAR, MOA of barbiturates?
3. Classify & define antipsychotics agent write SAR of Chlorpromazine clozapine?
4. Explain SAR, MOA & use of tricyclic antidepressants
5. Write notes on:-
 - (A) Drug receptor interactions
 - (B) Hydrations as anticonvulsants
 - (C) Isosterism and zoological activity
 - (D) Free Wilson analysis
6. Classify antihistaminic in detail and write a note on Phenramines.
7. Define and classify diuretics agents and add a note SAR, MOA of site three diuretics
8. Write a detail note on:-
 - (A) ACE inhibitor pro drugs
 - (B) Proton pump inhibitors
9. Classify antiarrhythmic agents. Write MOA of each class add a note on class 1st drugs
10. (A) Write mechanism of action SAR of salicylates and anilines as analgesics
(B) Write a note on steroidal anti-inflammatory agents