

SNS COLLEGE OF PHARMACY AND HEALTH SCIENCES



S.No	Questions (Marks)	Mapping	Bloom's Taxonomy Level
1	Define histamine and mention its two main physiological roles in the human body. (2 marks)	GPAT 2019	Remember
2	List the four types of histamine receptors and their primary locations in the human body. (2 marks)	TNMGRMU B.Pharm Nov 2021	Remember
3	Classify H1-antagonists into first-generation and second-generation with one example each from the given list. (2 marks)	GPAT 2020	Understand
4	State the chemical class and one therapeutic use of Diphenhydramine hydrochloride. (2 marks)	MRB Tamil Nadu Pharmacist Exam 2023	Remember
5	Explain the distribution and functions of H1 receptors in the respiratory and cardiovascular systems. (5 marks)	TNMGRMU. May 2022	Understand
6	Describe the mechanism of action of Cromolyn sodium and its role in allergic conditions. (5 marks)	GPAT 2021	Understand
7	Compare the sedative effects and onset of action between Chlorpheniramine maleate (first-generation) and Cetirizine (second-generation). (5 marks)	Sun Pharma Interview 2022	Analyze
8	Discuss the synthesis, structure-activity relationship (SAR), and therapeutic uses of ethanolamine-type H1 antagonists, with reference to Diphenhydramine and Dimenhydrinate. (10 marks)	GPAT 2018	Analyze
9	Elaborate on the pharmacological actions of histamine mediated by H2 receptors, their distribution, and clinical significance of H2 antagonists (though focus on H1, include for context). Include examples like Promethazine from the list. (10 marks)	TNMGRMU B. Pharm April 2020	Evaluate
10	Provide a detailed classification of the listed H1-antagonists (e.g., alkylamines like Chlorpheniramine, piperazines like Meclizine), their adverse effects, and drug interactions. Discuss the evolution from first to second-generation agents like Loratadine and Levocetirizine. (10 marks)	Cipla Pharma Company Assessment 2023	Create