PRN:		Course Code:	CHS313R1

Third Year **B. Sc.** End Semester Examination Summer 2023

Pharmaceutical Chemistry

Day and Date: Monday, 19/06/2023 Max Marks: **50**

Time: 10.30 am to 1.30 PM Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt any two from the following**			
	a)	Discuss prodrugs with suitable examples.	06	2	1
	b)	Discuss biological applications of sulfa drugs.	06	2	1
	c)	What are analgesic agents? Explain with suitable example.	06	3	1
Q.2		**Attempt any two from the following**			
	a)	Discuss different types of anti-inflammatory agents.	06	3	2
	b)	Explain different steps involved in drug design.	06	4	2
	c)	Describe therapeutic index with examples.	06	3	2
Q.3		**Attempt the following**			
	a)	Discuss antibiotics with suitable examples.	06	2	3
	b)	Describe synthesis of sulphonamide class of molecules.	07	4	3
		or			
	b)	What are antiviral agents? Explain with examples.	07	3	3
Q.4		**Attempt the following**			
	a)	Describe central nervous system agents with suitable examples.	06	4	4
	b)	Explain cardiovascular agents with mode of action.	07	3	4
		or			
	b)	Discuss antifungal agents with relevant examples.	07	2	4

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