PRN:		Course Code :	CHS313R1

Third Year **B. Sc.** End Semester Examination Winter 2022

Pharmaceutical Chemistry

Day and Date: Monday, 19.12.22 Max Marks: **50**

Time : 2.00-5.00 pm Duration: **02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt any two from the following**			
	a)	What is prodrug? Explain suitable example.	06	2	1
	b)	Discuss drug-receptor interaction with example.	06	2	1
	c)	Explain drug toxicity with suitable example.	06	3	1
Q.2		**Attempt any two from the following**			
	a)	What are analgesic agents? Discuss with example.	06	3	2
	b)	Describe various steps involved in drug design.	06	4	2
	c)	Explain therapeutic index with examples.	06	3	2
Q.3		**Attempt the following**			
	a)	Explain antibiotics with suitable examples.	06	2	3
	b)	Describe synthesis and applications of sulfa drugs .	07	4	3
		or			
	b)	What are antiviral agents? Explain with examples.	07	3	3
Q.4		**Attempt the following**			
	a)	Discuss Phenobarbital as CNS agent.	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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