Exam Seat No: _____

C.U. SHAH UNIVERSITY Winter Examination-2022

Subject Name: Medicinal Chemistry II - Theory					
Subject Code:	BP501T	Branch: B.Pharm			
Semester: 5	Date: 21/11/2022	Time: 02:30 To 05:30	Marks: 75		

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1		Attempt the following questions:	(20)
	a)	Role of vitamin K in blood clotting.	(2)
	b)	MOA of Calcium Channel Blocker.	(2)
	c)	Types of Lipoprotein	(2)
	d)	Structure and uses of : Diltiazem HCl	(2)
	e)	Define: Tachyarrhythmia and Bradyarrhythmia	(2)
	f)	What are Ethamsylate?	(2)
	g)	Difference between : Cardenolides and Bufadenolides.	(2)
	h)	Role of Testosterone and Progesterone in human body.	(2)
	i)	How local Anesthetics work?	(2)
	j)	Structure and uses of : D Mannitol	(2)
Q-2		Attempt any two of following :	(20)
C	Α	Write a note on H1 Anti Histaminic Drug	10
	В	What are Diuretics? Explain mechanism, classification by giving proper	10
		examples.	
	С	Detail mechanism of blood coagulation.	10
Q-3		Attempt any Seven of following :	(35)
	Α	Explain in detail: PPIs	5
	В	Write Structure, MOA, synthesis and function of Nitroglycerine and Isosorbitol Dinitrite.	5
	С	Detail note on Angina Pectoris.	5
	D	SAR by giving example: Thiazide Diuretic	5
	Ε	What are cardiac glycosides? Classify them along with MOA and examples.	5
	F	Chemical test of Cardicac glycoside.	5
	G	Explain Plant Products as Anti-Neoplastic Agents.	5 5
	Η	Note on Anti anginal drugs.	5 5
	Ι	Explanatory note on: Thyroid and Anti thyroid drugs.	5

