C.U. SHAH UNIVERSITY

Winter Examination-2022

Subject Name: Pharmacognosy & Phytochemistry I - Theory

Subject Code: BP405T Branch: B.Pharm

Semester: 4 Date: 23/09/2022 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)	Explain Mutation.	(2)
	b)	Define Pharmacognosy.	(2)
	c)	Define: Alkaloids	(2)
	d)	What are Teratogens?	(2)
	e)	Define Polyploidy with reference to Medicinal Plants	(2)
	f)	Role of Auxin in plant growth.	(2)
	g)	Define Volatile oil.	(2)
	h)	Explain Brontrager's Test.	(2)
	i)	Give difference between Organized & Unorganized drug.	(2)
	j)	Explain Edible Vaccines.	(2)
Q-2		Attempt any two of following:	(20)
	A	Describe factors affecting cultivation & collection of medicinal plant.	10
	В	Explain the role of various system of medicines in Pharmacognosy.	10
	C	Give the Classification of Crude Drugs in detail.	10
Q-3		Attempt any seven of following:	(35)
	\mathbf{A}	Give the History of Pharmacognosy.	
	В	Explain types of cultures used in PTC.	5 5 5
	\mathbf{C}	Write a detail note on Bees Wax.	5
	D	Explain Cotton as source of fibre.	5
	${f E}$	Write the biological source, cultivation and collection and uses Honey.	5
	\mathbf{F}	Explain in detail: Streptokinase & Pepsin	5
	\mathbf{G}	Write the synonym, biological source, cultivation and collection and uses of	5
		Tragacanth.	
	H	Write a detail note on Agar.	5
	Ι	Explain in detail microscopic evaluation of crude drug.	5

