Q.P. Code :01339

[Marks:40]

		Please check whether you have got the right question paper. N.B: 1. Question.No.1 is compulsory. 2. Attempt any four out of remaining questions.	12 / 20 / 20 / 20 / 20 / 20 / 20 / 20 /
Q.1)		State True or False and justify (any eight)	08
	a)	Chinese system of medicine is based on "like kill's like" principle.	
	b)		
	c)	Crude drugs in Indian Pharmacopoeia is arranged according to biological method of classification.	
	d)	Secondary metabolites are important for the growth & development of plant.	
	e)	Drugs that get degraded by heat are preferably extracted by soxhlet method.	
	f)	Fixed oils are biosynthesized by polyketide pathway.	
	g)	Drying is an important factor for preparation of herbal drug for market.	
	h)	Idioblasts are a type of stone cell.	
	i)	Leaves can be classified based on the arrangement as dorsiventral.	
Q.2)		Write a short note on (any two)	08
	a)	Cosmeceuticals	
	b)	Starch grains Starch grains	
	c)	Collection & Cultivation of plants	
Q.3)	a)	Write a note on pharmacological method of classification of drugs.	04
	b)	Enumerate shikimic acid pathway.	04
Q.4)	a)	Write a short note on plant tissue culture.	04
	b)	Explain in brief supercritical fluid extraction.	04
Q.5)	a)	Explain concept of authentication	04
	b)	Describe histology of bark.	04
Q.6)		Differentiate between:	08
	Y ^.\\ _	Unorganised versus organized drug.	
		Percolation versus maceration	
	c)	Roots versus rhizomes	
	d)<	Primary versus secondary metabolites.	

[Time: Two Hours]