Tim	ne – 3 hrs.	Marks	-100
	N.B.	1. All questions are compulsory.	1000
		2. Draw neat labeled diagrams wherever necessary.	
		3. All questions carry equal marks.	
Q.1	Attempt any two		20
a	a Explain methods of study in Ethnobotany.		355
b	Give an account of applications of Ethnobotany with reference to edible plants, toxic plants and antidotes.		
c	What are traditional medicines? Citing suitable examples, explain how tribal use them against skin and liver ailments.		
d		of composting and spawning in cultivation of <i>Agaricus</i> (mushroom).	
0.2	Attempt any two		20
_		A library? Describe the steps involved in its construction.	
b	Describe the steps inv vector.	olved in screening a c-DNA library made using appropriate plasmid	
c	Describe the identification	ation of genes in library using complementation of mutation.	
		apping? Explain with an appropriate example, construction of a	
	1		
Q.3 Attempt any two			20
a	Explain the principle	and working of Molecular sieve chromatography.	
b		hy. Explain the principle and types of partition chromatography.	
c		principle, working and applications of a spectrophotometer.	
d	Describe working and	principle of Ion Exchange Chromatography.	
	Attempt any two		20
a	Describe macro & midbuds.	croscopic characters, chemical constituents and adulterants of the Clove	
b	Define Monograph of of Strychnos nux-vom	drugs. Explain the biological source, macro and microscopic characters <i>ica</i> seeds.	
c		iological source, chemical constituents and therapeutic uses of Acorus	
d		ource, macro and microscopic characters and therapeutic uses of Allium	
	sativum.		
Q.5	Attempt any four		20
	Write a note on Ethno	omedicine Secretary Secret	
b	Give the therapeutic u	ises of Curcuma longa.	
		omic importance of mushroom cultivation	
	Briefly describe about	.×/ (\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
		of column chromatography	
) f	Describe the adulterar	nt of Senna leaves	