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Seat No.:	Enrolment No.
Deal NO	Emoniem No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - VII • EXAMINATION - SUMMER • 2014

Subject Code: 270005 Date: 12-06-2014 Subject Name: Pharmacognosy- VI (Herbal Drug Technology)			
_		0 am - 01:30 pm Total Marks: 80	
Instru	uctions:	44	
	2. Ma	tempt any five questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.	
Q.1	(a)	Discuss various important parts of HPLC. What is the significance of it in evaluation of herbal drugs?	06
	(b)	How various chromatographic methods play vital role in evaluation of crud drug?	05
	(c)	Write a brief note on TLC for evaluation of crude drugs.	05
Q.2	(a)	Define marine pharmacognosy. Name the drugs uses as anti- inflammatory and anticancer obtain from marine sources with its structure.	06
	(b) (c)	Discuss in detail about chemotaxonomy of alkaloids. What is chemotaxonomy? With suitable examples explain importance of chemotaxonomy.	05 05
Q.3	(a)	Describe various natural allergens with their effects.	06
	(b) (c)	Write a short note on photosensitizing agent. Give the detailed note on plant sweetening agents.	05 05
Q.4	(a)	Give the biological source, family, active chemical constituents and pharmacological uses of all the varieties of Brahmi.	06
	(b)	Draw the microscopy of Talispatra leaf.	05
	(c)	Write a brief note on Kanchnar.	05
Q.5	(a)	Write a complete pharmacognosy of Shankhpushpi.	06 05
	(b) (c)	Give the morphological and microscopically difference of satodi and satodo. Write detail pharmacognosy of Ashoka bark.	05
0.6			
Q. 6	(a) (b) (c)	Write a note on Pharmacognosy of Guggul. Classify pesticides. Write a note on any one drug in this class. Describe the detail classification of Herbal cosmetics.	06 05 05
Q.7	(a) (b) (c)	Write in detail about different varieties used as Rasna. Give the detail pharmacognosy of drug used in kidney stone. Write a pharmacognosy of Nagarmoth.	06 05 05
