		Enrolment No  GUJARAT TECHNOLOGICAL UNIVERSITY	
Subje Subje	ect Coc ect Nai	I – SEMESTER – VII • EXAMINATION – WINTER – 20 de: 270005 Date: 14/12 me: Pharmacognosy-VI (Herbal Drug Technology) O AM to 1.30 PM Total Marks:	2/2015
	ctions		ou
1. 2.	Attem: Make	pt any five questions. suitable assumptions wherever necessary. ss to the right indicate full marks.	
Q.1	(a)	Discuss the principles of Chemotaxonomy considering its importance in pharmacognosy.	06
	(b)	Give chemotaxonomic distribution of terpenoids in plants.	05
	(c)	Explain different stages of chemotaxonomic investigation.	05
Q.2	(a)	Classify the marine drugs giving examples for each class.	06
	(b)	Write a note on plant bitters.	05
	(c)	Give microscopy with labeled diagram of talis patra.	05
Q.3	(a)	Discuss the importance of chromatography in estimation of phytoconstituents.	06
	(b)	Write a note on TLC.	05
	(c)	Write a note on herbal cosmetics.	05
Q.4	(a)	What is photosensitivity? Discuss the role of photosensitising agents in therapy.	06
	(b)	Give pharmacognostic details of any two natural sources used as photosensitizing agents.	05
	(c)	Write a note on fungal toxins.	05
Q.5	(a)	Write a note on plant sweeteners. Describe any one plant sweetener in detail.	06
	(b)	Give biological source, chemical constituents and use of (1) Rasna (2) Shankhpushpi.	05
	(c)	Give complete pharmacognosy of Ashoka bark.	05
Q. 6	(a)	Classify the pesticides of natural origin giving examples of each class. Give pharmacognostic detail of one natural pesticide.	06
	(b)	Discuss the different methods used for the pest control. Write essential of a good pesticides.	05
	(c)	Give morphology of Gokhru with biological source, chemical constituents and use.	05
Q.7	(a) (b)	Define unorganized drug. Give pharmacognostic detail of guggul. Give biological source, chemical constituents, use and morphology	06 05

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What is allergy? Classify plant allergens giving suitable examples.

of Nagarmoth.

(c)

05