Seat No.: _____ Enrolment No._____

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – VII • EXAMINATION – SUMMER 2013

Subject Code: 270005 **Date: 25-05-2013**

Subject Name: Pharmacognosy- VI (Herbal Drug Technology)

Time: 02.30 am - 05.30 pm **Total Marks: 80**

Instructions:

1. **Attempt any five questions.**
2. **Make suitable assumptions wherever necessary.**
3. **Figures to the right indicate full marks.**

Q.1	(a)	Describe in details antimicrobial compounds obtained from marine source.	**06**
	(b)	Give the Pharmacognostic account of Ashoka.	**05**
	(c)	Write a short note on herbicides.	**05**
Q.2	(a)	Discuss the controversial sources of Rasna.	**06**
	(b)	Write a note on HPTLC and its significance in the evaluation of herbal drugs	**05**
	(c)	Write a note on natural contact insecticides.	**05**
Q.3	(a)	Write in details of photo sensitizing agents.	**06**
	(b)	Write a note on role of herbs in cosmetics with examples.	**05**
	(c)	Give the detailed microscopy of neem.	**05**
Q.4	(a)	Write a note on skin care herbal cosmetics with examples.	**06**
	(b)	Give the Pharmacognosy of Guggul.	**05**
	(c)	Give the significance of chemotaxonomy of medicinal plants.	**05**
Q.5	(a)	Discuss the controversial sources of Brahmi.	**06**
	(b)	Write about the plant bitters.	**05**
	(c)	Give the classification of pesticides.	**05**
Q. 6	(a)	Give the chemotaxonomy of Flavonoids.	**06**
	(b)	What is an allergy? Classify the allergens with examples.	**05**
	(c)	Write a note on shankhpushpi.	**05**
Q.7	(a)	Write short notes on marine toxins.	**06**
	(b)	Write a note on column chromatography and its application.	**05**
	(c)	Give the Pharmacognostic account of gokhru.	**05**

****