## **GUJARAT TECHNOLOGICAL UNIVERSITY**

## **B. PHARM - SEMESTER-VII EXAMINATION - WINTER-2016**

Subject Code: 270005 Date: 25/11/2016

**Subject Name: Pharmacognosy-VI (Herbal Drug Technology)** 

Time: 10.30 AM to 01.30 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)	Explain analytical techniques play an important role in evaluating the quality of herbal drugs-Justify this statement.	06
	<b>(b)</b>	Explain the evaluation method used for standardization of herbal.	05
	(c)	Expalin Role of TLC & HPTLC in evaluation of Herbal Extract.	05
Q.2	(a)	Define & classify the allergens with example with the role in immunotherapy	06
	<b>(b)</b>	Describe Novel anticancer compound obtained from marine source.	05
	(c)	Write note on fungal toxin with Type-III allergenic reaction.	05
Q.3	(a)	Define cosmetic with role of herbs in skin cosmetics with examples.	06
	<b>(b)</b>	Write the detail pharmcognosy of Neem.	05
	(c)	Write chemotaxonomy of medicinal plant contains alkaloids.	05
Q.4	(a)	Write in details of photo sensitizing agents.	06
	<b>(b)</b>	Explain the role of Photosensitizing agents in PDT & PUVA Therapy.	05
	(c)	Write Pharmacognosy of Guggul and Punarnava.	05
Q.5	(a)	Write on herbal pesticide with ideal properties.	06
	<b>(b)</b>	Expalin the role of Plant Natural sweetener with application in pharmacy.	05
	<b>(c)</b>	Write the Detail pharmacognosy of any one drugs used in kidney stone.	05
Q. 6	(a)	Write about the plant bitters with pharmaceutical application.	06
	<b>(b)</b>	Give the significance of chemotaxonomy of medicinal plants.	05
	(c)	Describe Novel anticancer compound obtained from marine source.	05
Q.7	(a)	"Marine source has potential for Noval Therapeutical active metabolites"-	06
		Justify this statement.	
	<b>(b)</b>	Expalin the detail pharmacognosy of drug known as shankhawali.	05
	(c)	Give Biological source, family, active constituents and uses of Talispatra and Ashoka.	05

\*\*\*\*\*\*