GUJARAT TECHNOLOGICAL UNIVERSITY P. Phorm SEMESTER, VILLEYAMINATION SUMMER 2016

B. Pharm SEMESTER-VII • EXAMINATION – SUMMER-2016			
Subject Code: 2270005 Date: 11/05/201			
Subject Name: Pharmacognosy-VTotal Marks: 80Time: 2:30 PM to 5:30 PMTotal Marks: 80Instructions:1. Attempt any five questions.1. Attempt any five questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a)	Write a note on Shikkimic acid pathway.	06
	(b)	Write a note on Acetate mevalonate pathway.	05
	(c)	Give the detailed note on plant sweetening agents.	05
Q.2	(a) (b) (c)	Write a note on Hogweed.Define and classify the herbal cosmetics. Write in details pharmacognosy of any two plants used for skin cosmetics.Write in details the microscopy of Nagod leaf.	06 05 05
Q.3	(a)	Write a detailed note on fungal toxins.	06
	(b)	Write a short note on photosensitizing agent.	05
	(c)	Describe different types of natural allergens with their effects.	05
Q.4	(a)	Explain the different methods of pest control.	06
	(b)	Define natural pesticides and write in detail any two natural pesticides.	05
	(c)	Write a note on Shilajit.	05
Q.5	(a)	Define and classify the Nutraceuticals.	06
	(b)	Explain the role of various phytochemicals used in Nutraceuticals.	05
	(c)	Write in details any two plants used as Nutraceuticals.	05
Q. 6	(a)	Write a note on principles of Ayurveda.	06
	(b)	Discuss in details about Bhasmas and Pisti.	05
	(c)	Write preparation and standardization of Asava and Arishta.	05
Q.7	(a)	Give the biosynthesis of Atropin or Menthol.	06
	(b)	Give the biosynthesis of Ephedrine.	05
	(c)	Give the Pharmacognosy of Gulvel.	05
