Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY B. Pharm – SEMESTER VII • EXAMINATION – WINTER-2016

Subject Code: 2270005 Subject Name: Pharmacognosy - V Time: 10.30 am – 01.30 pm

2. Make suitable assumptions wherever necessary.

Date: 25/11/2016

Total	Marks:	80
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Instructions: 1. Attempt any five questions.

3.	Figu	res to the right indicate full marks.	
Q.1	(a)	Write in detail about biogenesis via shikimic acid pathway.	06
	(b)	Write in detail about acetate mevalonate pathway.	05
	(c)	Write in detail about biosynthesis of Omega-3 fatty acid.	05
Q.2	(a)	Give detail information of crude drugs used in the treatment of inflammatory diseases.	06
	(b)	Write a short note on photosensitizing agent.	05
	(c)	Write detail pharmacognosy of Mucuna.	05
Q.3	(a)	Describe different types of natural allergens with their effects.	06
	(b)	Write a note on plant sources used as pesticides and herbicides.	05
	(c)	Explain the different methods of pest control.	05
Q.4	(a)	Give detail information of crude drug useful as a brain tonic.	06
	(b)	Write in details the microscopy of Nagod leaf.	05
	(c)	Write in detail about fungal toxins.	05
Q.5	(a)	Define and classify the Nutraceuticals.	06
	(b)	Discuss role of prebiotics and probiotics as neutraceuticals.	05
	(c)	Write in detail about Dhatakipushpa.	05
Q. 6	(a) (b) (c)	Write a note on method of preparation of Asava and Aristha. Discuss the parameters for evaluation of these Ayurvedic formulations. Discuss in details about preparation and standardization of Bhasmas and Pisti. Write a note on principles of Ayurvedic and Homeopathic systems of medicines.	06 05 05
Q.7	(a) (b) (c)	Classify and discuss non-saccharide sweeteners of plant origin. Define and classify the herbal cosmetics. Write in details pharmacognosy of any two plants used for hair care cosmetics. Write in detail about biosynthesis of ephedrine.	06 05 05
