Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

<b>BPHARM – SEMESTER I • EXAMINATION – SUMMER - 2013</b>				
Subje	ct code: 220005	Date:	05-06-2013	
Subject Name: Pharmacognosy-I				
Time	02:30 pm to 05:30 pm	Total 1	Marks: 70	
Instructions:				
	1. Attempt all questions.			
		otions wherever necessary.		
Q.1	<ul><li>3. Figures to the right inc</li><li>(a) Define Pharmacognos relation to allied fields.</li></ul>	dicate full marks. sy. Discuss its scope in detail elab	porating its 06	
		numerate the sources of crude drugs a	and explain 05	
	any one giving example		.=	
	(c) Explain the following ter (i) Haustoria (ii) Phyllo Stomatal index	rms: otaxy (iii) Rhytidoma (iv) Unorganized o	<b>05</b> drug (v)	
Q.2	<ul><li>(a) Define and classify glyc</li><li>(b) Discuss outgrowths of s</li><li>(c) Write a note on Polyploi</li></ul>	seeds giving examples.	06 05 05	
Q.3	(a) Explain the system of p its merits and demerits.	pharmacological classification of crude d	rugs, giving <b>06</b>	
		scuss various types of adulterants found differences between monocot and dicot		
Q.4	•	? Describe different types of placen	tation with <b>06</b>	
	examples. (b) Write a note on quantita (c) Define inflorescence. cymose inflorescence.	ative microscopy. Write the differences between race	emose and 05	
Q.5		Give its classification and properties.	06	
	<ul><li>(b) Write a note on Indian of</li><li>(c) Write the botanical so honey.</li></ul>	gum. ource, family, method of preparation a	nd uses of 05	
Q. 6	(a) Write the botanical so chaulmoogra oil.	ource, family, chemical constituents a	nd uses of 06	
	(b) Write the differences be	etween fixed oils and volatile oils. d modifications of stem giving suitable e	<b>05</b> xamples. <b>05</b>	
Q.7	(a) Define fruits and give cl	lassification of true fruits.	06	
		cisic acid in plant growth regulation.	05 05	

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