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Seat No.:	Enrolment No.
Deal NO	Emoniem No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – IV • EXAMINATION – SUMMER • 2014

Subj	ject	Code: 240006 Date: 26-05-2014	
Subj	ject :	Name: Pharmacognosy-III	
Tim	e: 02	2:30 pm - 05:30 pm Total Marks: 80	
Instr		<u>-</u>	
	1.	Attempt any five questions.	
	2.	Make suitable assumptions wherever necessary.	
	3.	Figures to the right indicate full marks.	
Q.1	(a)	Define Saponin glycosides. Give the biological source, macroscopic features, chemical constituents and uses of Liquorice	06
	(b)	Write a pharmacognostic note on a saponin drug used as adaptogen	05
	(c)	Write a short note on Senega	05
Q.2	(a)	Discuss in detail about a leaf drug containing cardiac principle	06
	(b)		05
		i. Indian Squill and European Squill	
		ii. Chinese rhubarb and Rhapontic rhubarb	
		iii. Cardenolides and Bufadienolides	
	(c)	Give chemical tests for cardiac glycosides	05
Q.3	(a)	Write in short on cultivation, collection and processing of Senna	06
	(b)	Write a pharmacognostic note on Aloe	05
(c	(c)		05
Q.4	(a)	Give the biological source, chemical constituents, uses and allied drugs of Gentian	06
	(b)	Write a pharmacognostic note on Picrorrhiza	05
(c)	Give the common name, biological source, chemical constituents and uses of Andrographis	05	
Q.5	(a)	i. Ammi majus and Ammi visnagaii. Bitter almond and Sweet almond	06
	(b)	uses of a drug belonging to Coumarin glycoside class and is used in the	05
	(c)	treatment of leucoderma Draw neat and well labelled morphological and microscopical diagram of Linseed	05
Q. 6	(a)	• • • • • • • • • • • • • • • • • • • •	06
	(b)	•	05
	(c)	Write a pharmacognostic note on Black mustard	05
Q.7	(a)	Define and classify enzyme with suitable examples	06
	(b)		05
(c)	Write a short note on Pepsin	05	
