Seat No.:	Enrolment No.
Seat No	Ellionnent No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - IV • EXAMINATION - WINTER 2013

_		de: 240006 Date: 07-12-2013 me: Pharmacognosy-III	
•) pm - 05.30 pm Total Marks: 80	
Instru	2. Ma	tempt any five questions. ake suitable assumptions wherever necessary. gures to the right indicate full marks.	
Q.1	(a) (b)	Define glycosides. Write their classification and chemistry. Write botanical source, family, chemical constituents, pharmacology and uses of Senna leaf.	06 05
	(c)	Write chemical tests for Senna leaf and explain the principal behind these tests.	05
Q.2	(a)	Define saponins, classify them and write their distribution and properties. Enlist drugs that contain saponins.	06
	(b) (c)	Write Pharmacognosy of Liquorice root. Write a note on Ginseng.	05 05
Q.3	(a) (b) (c)	Write in method of preparation and uses of Papain. Differentiate <i>Digitalis purpurea</i> and <i>Digitalis lanata</i> . Write a note on Mustard.	06 05 05
Q.4	(a)	Enlist drugs containing bitter glycosides. Write chemical constituents and uses of Chirata.	06
	(b) (c)	Write a short note on Quassia wood. Draw and describe TS of Cascara bark.	05 05
Q.5	(a) (b)	Write a chemistry of coumarins. Mention name of drugs used in leucoderma. Write morphology and chemical constituents of one such drug.	06 05
	(c)	Draw and describe TS of Linseed.	05
Q. 6	(a) (b) (c)	Write a note on Rue. Write a note on Almond. Write a note on Thevetia.	06 05 05
Q. 7	(a) (b) (c)	Define Aloes. Write sources of Aloe and their chemical composition. Write method of preparation of hepatic or livery Aloe. Give chemical tests for Aloe.	06 05 05
