	Seat No.	:: Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
BPHARM – SEMESTER III • EXAMINATION – WINTE		BPHARM – SEMESTER III • EXAMINATION – WINTER • 2014	
	Subjec	t code: 230006 Date: 31-12-2014	
	Subjec	t Name: Pharmacognosy - II	
		10:30 am - 01:30 pm Total Marks: 80	
	Instru	etions:	
		. Attempt any five questions.	
		2. Make suitable assumptions wherever necessary.	
		3. Figures to the right indicate full marks.	
Q.1	(a)	Define & Classify Resin with suitable example.	
	(b)	Differianciate between Sumatra benzoin & Siam benzoin.	06
	(c)	Write biological source, family, chemical constituents, chemical test & uses of	05
		Turmeric & Ginger.	
Q.2	(a)	Define Tannins. Describe its physical & chemical properties with suitable	06
		example.	UC
	(b)	Differianciate between hydrolysable tannins & condensed tannins.	05
	(c)	Discuss cultivation, collection & preparation of pale catechu.	05
Q.3	(a)	Define phytochemical screening. Discuss various method used for isolation of	0.0
		volatile oil from crude drugs.	06
	(b)	Draw well-labeled diagram of microscopy of coriander & fennel.	05
	(c)	Write biological source, family, chemical constituents & uses of cinnamon bark.	05
Q.4	(a)	Explain various method used in phytochemical screening with suitable example.	
•	(b)	Discuss different types of extract which are obtained by phytochemical screening	06 05
		of crude drugs.	03
	(c)	Enumerate various identification test used for alkaloids & cardenolides.	05
Q.5	(a)	Define & classify fibres. Discuss various identification test used for its analysis.	
	(b)	Write biological source, family, collection, preparation & chemical test for	06 05
		cotton.	UĐ
	(c)	Write preparation, chemical constituents, identification test & uses of silk.	05
Q. 6	(a)	Define & classify pharmaceutical aids with suitable example.	
	(b)	Describe briefly preparation & uses of gelatin.	06
	(c)	Define & classify natural colorants with suitable example. Discuss briefly	05 05
		pharmacognosy of crocus.	0.5
Q. 7	(a)	Write common name, biological source, family, chemical constituents & uses of	
	()	clove buds.	06
	(b)	Describe briefly physical & chemical properties of Resins.	05
	(c)	Describe complete pharmacognosy of wool or Talc.	05
