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Seat No.:	Enrolment No.
Deal NO	Emoment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

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

	Subject Code: 2240006	1-2015
	Subject Name: Pharmacognosy - II Time: 02:30 pm - 05:30 pm Total Marks Instructions:	s: 80
	 Attempt any five questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 	
Q.1	 (a) Enumerate drugs containing oleo gum resins. Explain any one in detail. (b) Differentiate between 1) Pale catechu and Black catechu 2) Hydrolyzable tannins and condensed tannins. (c) Define Resins. Discuss types of resins with examples. 	06 05 05
Q.2	 (a) Define volatile oils. Enumerate general methods for its isolation. Discu any one in detail. (b) Write down Botanical source, morphology, chemical constituents and of Cinnamon or Coriander. (c) Write in detail about different varieties of Tulsi or Mentha. 	06
Q.3	 (a) Classify tannins with suitable examples. Write in detail about general chemical tests of tannins. (b) Write a note on different varieties of cannabis. (c) Write down Botanical source, chemical constituents, cultivation collect and uses of Amla or Bael. 	06 05 tion
Q.4	 (a) Write Botanical source, chemical constituents and uses of Rose and Va (b) Write a note on drug containing Valepotriates. (c) Discuss in detail about Dill. 	j. 06 05 05
Q.5	(a) Write a note on commercial varieties of cardamom.(b) Write a note on commercial varieties of capsicum.(c) Write a note on Vidang.	06 05 05
Q. 6	(a) Describe microscopy of Fennel in detail.(b) Describe macroscopy and microscopy of Clove in detail.(c) Draw a well labelled transverse section of Amla fruit.	06 05 05
Q.7	 (a) Discuss medicinal uses of turmeric and Guggul. (b) Write a note on Balsam. (c) Write a pharmacognostic note on Eucalyptus or Saffron. 	06 05 05
