Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. - SEMESTER - VI • EXAMINATION - WINTER • 2016

Subject Code: 2260006 Date: 26-10-2016

Subject Name: Pharmacognosy – IV

Time: 02:30 pm - 05:30 pm **Total Marks: 80**

Instructions:

1.	Attempt any	five	questions.	
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- 2. Make suitable assumptions wherever necessary.
- 3. Figures to the right indicate full marks.

Q.1	(a) (b) (c)	Explain the pharmacognosy of Antihypertensive drug. Define alkaloid. Give its physical & chemical properties of Alkaloids. Write the source and life cycle of Ergot with labeled diagram.	06 05 05		
Q.2	(a) (b) (c)	Explain the various categories of novel medicinal agents form marine source with its structure. Write a short note on Natural colours. Write a note on anticancer drug.			
Q.3	(a) (b) (c)	Explain in details about purine alkaloids. Describe Biological source, Preparation, chemical test and uses of Papain Give the detail classification of Alkaloids.	06 05 05		
Q.4	(a) (b) (c)	Define fibres. Write a note on Animal fibres. Give the morphological and microscopical diagram of cinchona bark. Write a short note on Narcotic preparation of Opium.	06 05 05		
Q.5	(a) (b) (c)	Give the pharmacognosy of Quinazoline containing drug.			
Q. 6	(a) (b) (c)	What are enzymes? Write a note on Haylluronidase and Panicillinase. Describe biological source, cultivation, collection & use of Belladona. Write a note on any one steroidal alkaloidal containing drug.	06 05 05		
Q.7	(a) (b) (c)	Explain in detail about Tylophora Explain the pharmacognosy of Indian Ginseng. Write a source, chemical constituents and uses of Ephedra and Scopolia.	06 05 05		
