Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – SUMMER • 2014

Subject Name: Technology of Printing - II			Date: 22-05-2014	
		2:30 pm - 05:00 pm Total Marks: 70	0	
	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a)	Give a brief account on historical background and development of printing screens.	07	
	(b)	Describe the printing of silk with direct dyes.	07	
Q.2	(a) (b)	Describe the printing of acrylic fabric with cationic dyes. Explain the fundamental mechanism of screen printing OR	07 07	
	(b)	Discuss different printing aids used for printing of nylon fabric.	07	
Q.3	(a)	Enumerate various operating system of fully automatic flat bed screen printing machine. Describe any one in detail.	07	
	(b)	Describe in detail the production methods of screen for textile printing. OR	07	
Q.3		Explain with neat sketch the different types of transfer printing machines in detail. Also explain mechanism of transfer printing.	14	
Q.4	(a) (b)	Describe the printing of wool with procilan dyes. Describe the vigourox printing method of wool.	07 07	
Q.4		OR Describe in detail different methods of fixation in printing of polyester.	14	
Q.5	(a) (b)	Describe the printing of CDPET fabric with cationic dyes. Describe the printing of P/C blended fabric.	07 07	
Q.5	(a) (b)	OR Enumerate common faults and their causes in screen printing Describe the foam and pearl printing techniques.	07 07	
