Seat No.: Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – WINTER 2013

Subject Code: 172801 Date: 2				26-11-2013	
Subje	ect	Naı	me: Technology of Printing - II		
Time: 10:30 TO 01:00 Total Marks					
Instru					
			tempt all questions.		
			ake suitable assumptions wherever necessary. Gures to the right indicate full marks.		
Q.1		(a)	Give answer of the following short questions:	10	
		1.	Sublistatic printing is also known as		
		2.	'Off-set' printing is also known as		
		3.	Repeat size of rotary screen is determined by		
		4.	In screens, the non design areas are solid nickel.	<u>.</u>	
		5.	printing action is associated with flat bed screen printing Redox potential of Safoline is	ing.	
		_	State the function of sodium chlorate in printing.		
		6. 7.	Vigoureaux printing is done on wool.		
		8.	Lanasol dyes are used to print fabric.		
		9.	What are match pairs?		
		10.			
		(b)	Describe the working of Zimmer magnetic squeegee system.	04	
Q.2		(a)	Enlist various techniques of paper printing. Describe any two in de		
Q.2		(a) (b)	Discuss foam printing in detail.	07 07	
		(0)	OR	07	
		(b)	Discuss Metallic printing in detail.	07	
		(6)	Discuss Memine printing in detail.	07	
Q.3		(a)	Explain in brief four important methods of transfer printing.	07	
•		(b)	Discuss printing of Nylon using Procinyl dyes.	07	
		` '	OR		
Q.3		(a)	Give critical review on 'dyes and inks' for paper transfer printing.	07	
		(b)	Explain vigoureaux printing of wool in detail.	07	
Q.4			Discuss various fixation methods for polyester printing in detail.	14	
			OR		
Q.4			Explain Direct style of printing silk with various classes of dyes.	14	
Q.5		(a)	Discuss Pearl printing in detail.	07	
		(b)	State the common faults and causes in screen printing.	07	
o -			OR	a -	
Q.5		(a)	Discuss Khadi printing in detail.	07	
		(b)	Explain the fundamental mechanism of screen printing.	07	
