Seat	No.:	Enrolment No	
		GUJARAT TECHNOLOGICAL UNIVERSITY	
		BE - SEMESTER-VII • EXAMINATION – WINTER 2013	
Sub	ject	Code: 172804 Date: 28-11-2013	
Sub	ject	Name: Garment Processing	
		0:30 TO 01:00 Total Marks: 70	
Instr	uction		
		Attempt all questions. Make suitable assumptions wherever necessary.	
		Figures to the right indicate full marks.	
Q.1		Answer the following OBJECTIVE questions:	07
		Define "Garment Dyeing".	
		Bio-polishing of garments is carried out using	
		Define "Fusible Interlinings". What is meant by pocketing of drums?	
		The higher the SPF value better is the protection against UV radiations. True /	
	*•	False.	
	vi.	Denim bleaching is carried out using	
	vii.	Expand STIB in context to denim.	
	(b)	State various trouble shootings and precautionary measures in garment finishing.	07
Q.2	(a)	Discuss chemistry and application process for wrinkle resistant finish of garments	07
		using non-formaldehyde cross linking agents.	
	(b)	Describe various challenging factors in dyeing of garments with their remedies. OR	07
	(b)	Enumerate the guidelines for using cold brand reactive dyes for dyeing of fully prepared garments. Also discuss the process, dyeing cycle and merits-demerits of it.	07
Q.3	(a)	Write various technological aspects of sand blasting of denim garments with	07
	(b)	instrumentation involved. Write in detail on "Protection of garments against UV radiations".	07
	(b)	OR	U/
Q.3	(a)	Elucidate in brief about stone washing of denim.	07
	(b)	Write a note on Drum dyeing machines.	07
Q.4	(a)	State the general considerations and sequence for preparation of garments for	07
ζ	(4)	dyeing by various routes.	0,
	(b)	Describe the engineering and technological aspects of Top-brightening of denim	07
		garments. OR	
Q.4		Explain different methods for desizing of denim garments with chemistry, process	14
V1		sequence and merits-demerits involved.	1
0.5	(2)		07
Q.5	(a) (b)	Discuss the pH profile of cellulase enzymes with the process conditions involved. Show the working and construction of Top loaded paddle dyeing machine. Also	07 07
	(10)	discuss the general consideration associated with paddle dyeing machines.	U I
		OR	
Q.5	(a)	Enlist numerous advantages and disadvantages of garment processing.	07
	(b)	Discuss different selection criteria for sewing threads and fittings for preparation of	07

garments.