Seat No.:	Enrolment No.
Jeat 110	

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-IV (NEW) - EXAMINATION - SUMMER 2017

Subject Code: 2142903 Date:	: 12/06/2017
-----------------------------	--------------

Subject Name: Textile Processing-II

Time: 10:30 AM to 01:00 PM	Total Marks: 70
Time. 10.50 AM to 01.00 I M	i vai vaiks. /

Instructions:

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

			MARKS
Q.1		Short Questions	14
	1	What is Finishing?	
	2	Enlist the ingredients of printing paste.	
	3	What is ageing?	
	4	What is color fixation?	
	5	Which are the different methods of fixation?	
	6	What is Printing?	
	7	Enlist the methods of printing.	
	8	Enlist the styles of printing.	
	9	Enlist the various machines used for transfer printing.	
	10	Name any two effects produced by mechanical resist style of printing.	
	11	State the objectives of delustering.	
	12	What are mordant colors?	
	13	Write any two special features of Vat dyes.	
0.4	14	What is "Zadu Printing"?	02
Q.2	(a)	Write advantages of Transfer Printing.	03
	(b)	State the difference between water proof and water repellent finish. Describe the working of a Flat Bed Screen Printing Machine with a neat	04 07
	(c)	sketch.	U/
	(.)	OR	07
0.2	(c)	Describe the working of a Roller Printing Machine with a neat sketch.	07
Q.3	(a)	Explain continuous calendar transfer printing process. Write a short note on Block Printing.	03 04
	(b) (c)	Explain the resist style of printing.	0 4 07
	(C)	OR	U1
Q.3	(a)	What are the advantages of using Sulphur dyes?	03
Q.S	(b)	Write the advantages and disadvantages of Roller Printing.	04
	(c)	Explain the direct style of printing of cotton with Vat dye.	07
Q.4	(a)	Explain the Raising process.	03
	(b)	Describe pigment printing process.	04
	(c)	Describe direct style of printing of Polyester with Disperse dye. OR	07
Q.4	(a)	Give the classification of softeners.	03
•	(b)	Write the advantages of Rotary Screen Printing.	04
	(c)	Write a short note on durable press finish.	07
Q.5	(a)	State the objectives of calendaring.	03
	(b)	Explain the working of Schreiner calendar with neat diagram.	04
	(c)	Write a short note on Flame Proof Finish.	07
<u> </u>		OR	
Q.5	(a)	Give the objectives of finishing.	03

(b) Give the detailed classification of different types of finishes.
(c) Describe the different Sanforising methods in details.
07
