

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-IV (NEW) EXAMINATION – WINTER 2018****Subject Code: 2142903****Date: 12/12/2018****Subject Name: Textile Processing-II****Time: 02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

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

		MARKS
Q.1	(a) Give the advantages of block printing methods.	03
	(b) Give in details classification of different types of finishes.	04
	(c) Given the detailed construction and working of flat bed screen printing machine with neat sketch.	07
Q.2	(a) Give classification of softeners.	03
	(b) State the various objects of finishing in depth with significance.	04
	(c) Explain discharge style of printing.	07
	OR	
	(c) Explain resist style of printing.	07
Q.3	(a) What are the objectives of calendaring process?	03
	(b) Explain briefly about the raising (napping) finish.	04
	(c) Describe transfer printing technique with neat sketch.	07
	OR	
Q.3	(a) Write the advantages of transfer printing.	03
	(b) Write advantages and disadvantages of roller printing.	04
	(c) Write a short note on durable press finish.	07
Q.4	(a) Give a brief classification of different methods of printing.	03
	(b) Write the advantages of rotary screen printing.	04
	(c) Describe printing of cotton by direct dye.	07
	OR	
Q.4	(a) State the basic difference between anti-crease, wash & wear and durable press finishes.	03
	(b) Describe pigment printing process.	04
	(c) Describe printing of polyester with disperse dye.	07
Q.5	(a) State the objects of delustering.	03
	(b) Write on different methods of delustering.	04
	(c) Explain in detail the mechanism of creasing along with the finish applied to remove them.	07
	OR	
Q.5	(a) State the difference between water proof and water repellent fabric.	03
	(b) Briefly explain about flame proof finish.	04
	(c) Write a detailed note on conventional padding mangles.	07
