

**GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER– IV (New) EXAMINATION – WINTER 2019

**Subject Code: 2142903****Date: 16/12/2019****Subject Name: Textile Processing-II****Time: 10:30 AM TO 01:00 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) State the objects of Finishing.	03
	(b) Classify finishing with suitable examples	04
	(c) Enlist the ingredients of Printing Paste. Explain the function of any four from this.	07
Q.2	(a) What is Sublimation Printing.	03
	(b) Give its merits & demerits	04
	(c) Describe in detail Sublimation printing by using suitable fabric.	07
<b>OR</b>		
Q.3	(c) Describe in detail Parchmentisation.	07
	(a) Classify Softeners.	03
	(b) Give properties and advantages of Reactive softeners..	04
	(c) Explain Silicone softeners and its application method..	07
<b>OR</b>		
Q.3	(a) What do you understand by Durable press finishing.	03
	(b) Give the full form of DMU, DMEU, DMDHEU & DMPU.	04
	(c) Describe the chemistry and application methods of UF resin & DMDHEU..	07
Q.4	(a) Differentiate between Method of printing & Style of Printing	03
	(b) Enlist different Styles of printing..	04
	(c) Explain Brasso style of printing.	07
<b>OR</b>		
Q.4	(a) State the different methods of azoic colour printing on Cotton.	03
	(b) Describe Base printing method in brief.	04
	(c) Describe the construction of Flat bed printing machine with line diagram	07
Q.5	(a) Name different Delustering methods.	03
	(b) Explain External Delustering method	04
	(c) Discuss the process and objects of Chasing calendar and Embossing calendar.	07
<b>OR</b>		
Q.5	(a) What is Block printing method.	03
	(b) Write different methods of printing.	04
	(c) Explain the construction and working of Star ager or loop ager in detail.	07

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