Seat No.:	Enrolment No.

## **GUJARAT TECHNOLOGICAL UNIVERSITY**

BE - SEMESTER-VI • EXAMINATION – SUMMER • 2015

Subject Code: 162805			Date: 12/05/2015	
Time	e:10.30 octions: 1. A 2. M	ame: Technology of Finishing-I  0am-01.00pm  Total Marks:  ttempt all questions.  Iake suitable assumptions wherever necessary. igures to the right indicate full marks.	70	
Q.1	(a) (b)	Describe the inherent properties of cotton in context to finishing Discuss the objects of textile finishing.	07 07	
Q.2	(a) (b)	Describe the inherent qualities of silk and art silk fabrics in context to finishing.	07 07	
	<b>(b)</b>	<b>OR</b> Explain in detail about coating, bonding and lamination processes.	07	
Q.3	(a) (b)	Explain the mechanism of flamability.  Describe various flame retardant finishes cotton and polyester textiles.  OR	04 10	
Q.3	(a)	Enlist various anti microbial finishes. Explain each in detail.	14	
Q.4	(a) (b)	Discuss various factors that influence soiling of the fabric.  Write a brief note on 'Chlorine retention problem'  OR	10 04	
Q.4		What is difference between water proofing and water repellency? Enumerate various types of water repellant substances. Describe in detail any two most popular water repellants.	14	
Q.5	(a) (b)	Describe elaborately the process "Perchmentization".  Describe in brief the chemistry and application of poly vinyl acetate.  OR	10 04	
Q.5	(a)	What is difference between anticrease finishing and wash- n- wear finishing? Describe the chemistry with salient features of any four cross linking agents.	10	
	<b>(b)</b>	Describe the chemistry of starch	04	

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