Seat No.:	Enrolment No.
-----------	---------------

GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER – VI (NEW).EXAMINATION – WINTER 2016

Sub	ject	Code: 2162805 Date: 26/10/201	16
Tim	-	Name: Technology of Finishing - I 0:30 AM to 01:00 PM Total Marks: 70	
msu	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary.	
Q.1	(a) (b)	Describe the inherent qualities of cotton and linen in context to finishing. Discuss the chemistry and application of fillers.	07 07
Q.2	(a) (b)		07 07
	(b)		07
Q.3	(a)	Describe the chemistry, manufacturing and application of polyacrylamide and polymethylmethacrylate.	07
	(b)	Discuss the chemistry and application of dextrin. OR	07
Q.3	(a)	What is difference between water proofing and water repellency? Discuss some developments in water repellant finishing agents.	07
	(b)	Give brief account on the chemistry and application amino and epoxy silicone softeners.	07
Q.4	(a) (b)	Write short note on trubenizing process. Describe the concept of easy care finishing. OR	07 07
Q.4		Discuss the chemistry and applications of different types of cross linking agents.	14
Q.5	(a)	Discuss Erick Kissa's theory of soil removal.	07
	(b)	Enlist different types of S.R. finishes. Explain the principle of application of F.C. based soil repellant finish. OR	07
Q.5	(a) (b)	Enumerate various theories proposed for fire retardancy.	07 07
