GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VI • EXAMINATION – SUMMER 2013

Subject Code: 162804Date: 03-06-20Subject Name: Technology of Printing - ITotal Marks:Time: 10.30 am - 01.00 pmTotal Marks:			
Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.			
Q.1	(a) (b)	Describe carbonized and dyed styles of printing in detail. Discuss Reducing agent and oxidizing agents in detail.	07 07
Q.2	(a) (b)	Discuss Dispersing agents & Solvents in detail. Describe direct style of printing of cotton using reactive dye in detail. OR	07 07
	(b)	Discuss various Defoaming agents used in printing.	07
Q.3	(a)	Describe Direct style printing of Cotton using azoic colors by Naphthol printing method and base printing method.	07
	(b)	Describe White discharge and Color Discharge printing of Cotton on Azoic ground.	07
Q.3	(a) (b)	OR Describe Direct style printing of Cotton using Solublised Vat dye. Describe White discharge and Color Discharge printing of Cotton on Reactive ground.	07 07
Q.4		Describe the working and essential parts of an automatic flat-bed printing machine with neat sketch.	14
Q.4		Describe with a neat diagram, the working of roller printing machine.	14
Q.5	(a) (b)	Explain Rapid ager with neat sketch. Explain Festoon steamer with neat sketch. OR	07 07
Q.5		Describe Direct style printing of Cotton using vat dyes in detail using different methods.	14
