GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-V • EXAMINATION – SUMMER • 2015

Subject Code: 152802 Date: 05/0 Subject Name: Technology of Dyeing-I			5/2015	
Ti	Time: 02.30pm-05.00pm Total Marks		70	
	1. 2. 3.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a) (b)	Describe processing of Denim with all Technical parameters and precautions. Write a note on Mixed Shades on Denim.	07 07	
Q.2	(a) (b)	Enlist all the After treatments given to Cotton fabric. Describe the Popular method from it. Describe Hot and Cold Dissolution method of Napthol with their advantages and	07 07	
		limitations. OR		
	(b)	Write a note on Diazotization and Development of Azoic Colour.	07	
Q.3	(a) (b)	Give Classification of Vat Dyes based on Chemical and Application method. Enumerate different methods of Vat Dyeing and Describe any one method from it.	07 07	
		OR		
Q.3	(a) (b)	Give Properties and application method of Sulphur Dyes on Cotton. Write a note on Defects of Sulphur Dyes.	07 07	
Q.4	(a) (b)	Discuss Chemistry of Chloro triazine Dyes. Write a note on Bifunctional reactive Dyes. OR	07 07	
Q.4	(a) (b)	What are Solubilised Vat Dyes? Describe its method of application. Write a note on Basic Dyes/Remazol Dyes.	07 07	
Q.5	(a) (b)	What are Mineral Colours? Give application method of Mineral Khaki colour. Write a note on Pigment Colours.	07 07	
Q.5		OR With all precautions, Explain different application methods of Aniline Black on Cotton.	14	
