GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-V- EXAMINATION – SUMMER 2016			
Subject Code: 152802Date: 22			016
Sul	bject Na	me: Technology of Dyeing - I	
Time: 02:30 PM to 05:00 PM Total Mark			: 70
Inst	ructions:		
		ttempt all questions.	
		lake suitable assumptions wherever necessary. gures to the right indicate full marks.	
	5. 11	gures to the right indicate full marks.	
Q.1	(a)	Describe different methods of Vat dyeing of Cotton fabric.	07
	(b)	Give stripping method of removal of this dye from cotton	07
Q.2	(a)	Discuss Sheet dyeing method of dyeing Denim .	07
	(b)	State different faults and their correction method in Denim processing.	07
		OR	~-
	(b)	Describe different washes given to Denim.	07
Q.3	(a)	Discuss Chemistry of Chloro triazine Dyes.	07
	(b)	Write a note on Bifunctional reactive Dyes.	07
03	(a)	OR Enlist all the After treatments given to Cotton fabric Describe the	07
Q.3	(a)	Enlist all the After treatments given to Cotton fabric. Describe the Popular method from it	07
	(b)	Write note on Solubilsed Vat dyes (Indigosol).	07
Q.4	(a)	Explain Properties and different applications of Sulphur Dyes.	07
Q.7	(a) (b)	Write note on Sulphur Black tendering.	07
	(~)	OR	01
Q.4		With all technical details, discuss development of azoic colours on cotton.	14
Q.5	(a)	Write note on Mineral Colours.	07
	(b)	Write note on Pigment Colours.	07
05		OR	14
Q.5		Describe Faults of different dyes during cotton dyeing and suggest their suitable correction methods.	14
		suitable correction methous.	
