Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

Subject Name: Ecological Aspects in Textile Processing (Department Elective - I)		2016 Date:05/05/2016	
		nt Elective - I) Total Marks: 70	
2. I	Make suitable assumptions wherever necessary.		
(a) (b)	Write a note on Environmental Management systems. What is meant by sustainable development?	07 07	
(a) (b)	Explain primary effluent treatment methods. Describe about pollution from areas other than chemical processing.	07 07	
(b)	Give a list of harmful aromatic amines present in azo-dyes. (forbidden / banned)	07	
(a) (b)	Describe a term 'Towards eco-friendly processing'. Discuss major criteria specified by eco-labels for eco-processing.	07 07	
(a) (b)	Write a short note on ISO-14000. Draw the Flow diagram of Cotton Processing.	07 07	
	Explain elaborately eco-friendly chemical processing right from desizing up to finishing.	14	
	Describe future developments in eco-friendly chemical processing.	14	
(a) (b)	Write a short note on: Scouring and bleaching effluents Write a short note on: Primary and secondary treatment of effluents	07 07	
(a) (b)	OR Write a short note on: Global warming Write a short note on: Heavy metals in textiles .	07 07	
	(a) (b) (a) (b) (a) (b) (a) (b)	cet Code:172805 cet Name:Ecological Aspects in Textile Processing (Department:02:30 PM to 05:00 PM ctions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks. (a) Write a note on Environmental Management systems. (b) What is meant by sustainable development? (a) Explain primary effluent treatment methods. (b) Describe about pollution from areas other than chemical processing. OR (b) Give a list of harmful aromatic amines present in azo-dyes. (forbidden / banned) (a) Describe a term 'Towards eco-friendly processing'. (b) Discuss major criteria specified by eco-labels for eco-processing. OR (a) Write a short note on ISO-14000. (b) Draw the Flow diagram of Cotton Processing. Explain elaborately eco-friendly chemical processing right from desizing up to finishing. OR Describe future developments in eco-friendly chemical processing. (a) Write a short note on: Scouring and bleaching effluents Write a short note on: Primary and secondary treatment of effluents OR (a) Write a short note on: Primary and secondary treatment of effluents	
