Seat No.:	Enrolment No.
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GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VII • EXAMINATION – WINTER 2013

Subject Code: 172805 Date: 03/12/2 Subject Name: Ecological Aspects in Textile Processing				
Time	Time: 10:30 TO 01:00 Total Marks:			
 Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks. 				
Q.1		(a) (b)	Give eco-standards for textiles under different eco-labels. Discuss in detail about critical review on impurities in water & its impact in processing.	07 07
Q.2		(a)	In which four categories textile waste is classified. Discuss any two of them.	07
		(b)	What is meant by sustainable development?	07
			OR	
		(b)	Write a short note on ISO-14000.	07
Q.3		(a)	Describe primary effluent treatment methods.	07
_		(b)	Draw the Flow diagram of Cotton Processing.	07
			OR	
Q.3		(a)	Discuss pollution from areas other than chemical processing.	07
		(b)	Discuss major criteria specified by eco-labels for eco-processing.	07
Q.4		(a)	Describe various government support for environment protection.	07
		(b)	Discuss Clean technology for sustainable development.	07
		. ,	OR	
Q.4		(a)	Discuss water impurities & its impact on processing.	07
		(b)	Write a note on 'Towards eco-friendly processing'.	07
Q.5			Write a short note on any TWO:	14
•		(a)	Solution to environmental problems	
		(b)	Heavy metals in textiles.	
		(c)	Global warming	
		(d)	Characteristics of waste water of textile industries.	
