Seat No.:	Enrolment No.
Jour 110	

## **GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VII • EXAMINATION – SUMMER • 2015

Subj	ect c	ode: 172805	Date: 06/05/2015	
Subject Name: Ecological aspects in Textile Processing Fime: 02.30pm-05.00pm			Total Marks: 70	
Insti	ructi	ons:		
	1.	Attempt all questions.		
	2.	Make suitable assumptions wherever necessary.		
	<b>3.</b> ]	Figures to the right indicate full marks.		
<b>Q.1</b>	(a)	Write a note on Environmental Management systems.	07	
	<b>(b)</b>	What is meant by sustainable development?	07	
<b>Q.2</b>	(a)	Explain primary effluent treatment methods.	07	
	<b>(b)</b>	Describe about pollution from areas other than chemical processing.	07	
		OR		
	<b>(b)</b>	Give a list of harmful aromatic amines present in azo-dyes. (forbidden / banned)	07	
Q.3	(a)	Describe a term 'Towards eco-friendly processing'.	07	
	<b>(b)</b>	Discuss water impurities & its impact on processing.	07	
		OR		
Q.3	(a)	Write a short note on ISO-14000.	07	
	<b>(b)</b>	Draw the Flow diagram of Cotton Processing.	07	
<b>Q.4</b>		Explain elaborately eco-friendly chemical processing right	14	
		from desizing up to finishing.		
		OR		
Q.4		Describe future developments in eco-friendly chemical processing.	14	
Q.5		Write a short note on any TWO:	14	
€	(a)	•		
	(b)	Primary and secondary treatment of effluents		
	(c)	Global warming		
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(d) Biological treatments of water-wastes