GUJARAT TECHNOLOGICAL UNIVERSITY BE – SEMESTER VIII • EXAMINATION – WINTER - 2013 Subject code: 181302 Date: 13-05-2013 Subject Name: Environmental Impact Assessment				
	10:30 pm to 01:00 pm	Total Marks: 70		
Instruc				
	. Attempt all questions.			
	. Make suitable assumptions wherever n			
3	5. Figures to the right indicate full marks.			
Q-1(a)	Define and explain the followings		06	
	(i) Primary and Secondary i	mpacts		
	(ii) Analysis and Assessmen			
		and Environmental effects		
(b)	You are required to carry out the EIA study for a proposed express way between 08 Suret and Bombay, Identify mimory, accordance and territory impacts by			
	Surat and Bombay. Identify primary, secondary and tertiary impacts by developing Interaction matrix. Provide explanation where ever you feel			
	necessary.	anation where ever you reef		
Q-2(a)	Describing the baseline environmental cond	litions is must for any EIA Study.	07	
	Give your comments highlighting the need of it.			
(b)	What types of data are required to be collect		07	
	environment for describing the existing environmental conditions? Provide a			
	partial list of probable sources of the data.			
(b)	OR Elaborate and give your comments on 'ELA	is hindrance to the development'	07	
(0)	Elaborate and give your comments on 'EIA is hindrance to the development'. 0' Justify your arguments with the help of appropriate example.			
Q-3(a)	Explain in detail, 'EIA as a four step activity'. Cite appropriate example. 0			
(b)	Define 'irretrievable resources'. Explain its importance in the EIA for any 0			
	project.			
	OR		0.0	
Q-3(a)	Should India and other developing countries make EIA as integral part of the			
(b)	over all decision making process? Enlist and explain the possible alternatives to be considered under 'evaluation 06			
(0)	step' of EIA.			
Q-4(a)	A Contraction of the second seco		08	
	of it. Explain any four activities.			
(b)	Enlist the requirements of good EIA method	1.	06	
0.4()	OR		00	
Q-4(a)	Enlist EIA methods. Explain briefly, 'Intera checklist' method.	iction matrix' and 'Scaling-weighing	08	
(b)			06	
Q-5(a)	Choose the most appropriate answer		06	
	'EIA is cumbersome and expensive exercise'. Statement is			
	(a) True	(b) No comments		
	(c) False	(d) Not applicable		
	EIS is prepared by			
	(a) Consultant	(b) Controlling authority		
	(c) Proponent EIA is	(d) NGO		
	(a) Pre-project activity	(b) Integral part of the project		
	(c) Post project activity	(d) Not a legislative requirement		
	Impact analysis and impact assessment			

Impact analysis and impact assessment

	(a) synonyms	(b) Are not a part of EIA	
	(c) Means different activity	(d) Are components of ESI	
(b)) 'EIA is a paper tiger'. Give your comments.		06
		OR	
Q-5(a)	Give the generic structure of EIA report as per EIA notification, 2006, and explain any two chapters.		08
(b)	With the help of a neat diagram explain the procedure to be adopted to obtain the environmental clearance for proposed project.		06