Seat No.: En	rolment No
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## **GUJARAT TECHNOLOGICAL UNIVERSITY**

Subject Code: 2181302 Subject Name: Environmental Impact Assessment		t Name: Environmental Impact Assessment	MMER 2017 Date: 29/04/2017	
	tructi	. Attempt all questions Make suitable assumptions wherever necessary.	70	
Q.1	(a) (b)	Differentiate between Environmental Impact Assessment and Environmental impact Analysis (two points each). State the objectives of EIA. EIA is an applicant's report - Explain.	07 07	
Q.2	(a) (b)	Define EIS. Also justify the statement; EIS is the conclusion of EIA. Explain the concept of Sustainable Development. Also state the principles of Sustainable development.	07 07	
	<b>(L.)</b>	OR	07	
0.0	<b>(b)</b>	Enlist the methods of EIA and explain "Interaction matrix" method in detail.	07	
Q.3	(a)	EIA ensures that the project location study considers baseline conditions. Explain.	07	
	<b>(b)</b>	EIA is a four step activity. Which step according to you is more important and why?	07	
Q.3	(a)	<b>OR</b> Define value function graph. Mention its purpose and significance. Also draw	07	
Q.J	( <b>u</b> )	value function graph for DO and pH.	07	
	<b>(b)</b>	Enlist the players of EIA and explain any five.	07	
Q.4	(a) (b)	Explain how Public participation is a conflict – prevention technique. Classify Environmental impacts based on desirability and time scale with examples.	07 07	
Q.4	(a)	OR  Define Environmental attributes. Mention and explain the three types of	07	
Ų. <del>4</del>	(a)	attributes.	07	
	<b>(b)</b>	Explain the detailed contents of EIA.	07	
Q.5	(a) (b)	EIA is anti-development: a myth or fact? Justify the statement.  A large scale industrial estate is proposed to be established. The proposed estate will accommodate textile industry only. Identify and classify the environmental impacts. Also develop a matrix establishing cause-effect relationship.  OR	07 07	
Q.5	(a) (b)	Explain EIA is an integral part of the planning and decision making process. Explain the latest amendment of EIA notification.	07 07	

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