Seat No: Enrolment No:----

Subject code: 181302

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER-VIII • EXAMINATION – SUMMER • 2015

Date:11/5/2015

Subject Name: Environmental Impact Assessment Time:10.30AM-01.00PM To		otal Marks: 70	
1. Att 2. Ma	Instructions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.		
Q-1	(a) EIA is an art cum science skill. Give your comments.	07	
	(b) Draw a flow diagram showing relation between man's action, environmental effects and environmental impacts. Also explain it.	07	
Q-2	(a) Define "Sustainable Development". Explain the role of EIA in sustainable development.	07	
	(b) Discuss the statement: EIA-as an integral part of the planning process. OR	07	
	(b) Explain EIA is a four-step activity carried out for a proposed project.	07	
Q-3	(a) Enlist and explain the detailed contents of EIA.	07	
	(b) Define Environmental attribute. Enlist major characteristics of Environment along with relevant environmentalattributes.	07	
Q-3	OR (a) Define Environmental Impact. Also define the following with the help of an example: 1) Primary & secondary impacts 2) Acceptable & non-acceptable impacts 3) Short term and long term impacts (b) Enlist the requirements of good EIA method.	07	
Q-4	(a) Enlist important players of EIA and explain any four in brief.	07	
	(b) Write a brief note on: "Need of EIA for developing countries, especially India". OR	07	
Q-4	(a) Identify the primary, secondary and tertiary impacts of construction and operation of Sewage treatment plant.(b) Highlight the advantages and disadvantages of public participation in the overall environmental	07 07	
	clearance process of any project.		
Q-5	(a) Explain the procedure to be followed for obtaining environmental clearance as per EIA notification 2006.	07	
	(b) Enlist the drawbacks of Matrix method of EIA. OR	07	
Q-5	(a) Enlist the different EIA methods and explain any one in detail.	07	
-	(b) Explain in detail the EES method of EIA.	07	
