

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER–VII (NEW) EXAMINATION – SUMMER 2022****Subject Code:3170625****Date:14/06/2022****Subject Name:Environmental Impact Assessment****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		MARKS
<b>Q.1</b>	(a) State the concept of Environmental Impact Assessment.	<b>03</b>
	(b) How Categorization of projects is done in EIA	<b>04</b>
	(c) Discuss the Environmental cost benefit analysis of a project	<b>07</b>
<b>Q.2</b>	(a) Why analysis of alternatives in EIA is required?	<b>03</b>
	(b) Differentiate the effect of impacts for Air Environment and Water Environment	<b>04</b>
	(c) Discuss the procedure of Monitoring of physical environmental parameters in EIA	<b>07</b>
	<b>OR</b>	
	(c) Write a Case study on EIA for Textile Industry	<b>07</b>
<b>Q.3</b>	(a) Comment on Environmental Impact Analysis	<b>03</b>
	(b) Discuss- EIA as an Integral Part of The Planning Process	<b>04</b>
	(c) Write Environment attributes for air, water and soil.	<b>07</b>
	<b>OR</b>	
<b>Q.3</b>	(a) How to write Environmental Impact Statement?	<b>03</b>
	(b) Why, defining the Environmental Setting is needed?	<b>04</b>
	(c) Describe various models for the prediction of impact on Noise and Land Environment	<b>07</b>
<b>Q.4</b>	(a) Discuss points of Additional studies in EIA	<b>03</b>
	(b) Enlist detailed Contents of EIA	<b>04</b>
	(c) Describe anticipated environmental impacts and mitigation measures required to overcome them.	<b>07</b>
	<b>OR</b>	
<b>Q.4</b>	(a) What is Project Description?	<b>03</b>
	(b) How to do the description of the base line Environment?	<b>04</b>
	(c) Define baseline data and discuss how to collect and interpret the baseline data for environmental attributes.	<b>07</b>
<b>Q.5</b>	(a) How Public participation is important in environmental decision making process?	<b>03</b>
	(b) State salient features of EIA notification September 2006	<b>04</b>
	(c) Discuss a Case study on EIA for one Infrastructure project	<b>07</b>

<b>OR</b>		
<b>Q.5</b>	<b>(a)</b> Describe the amendments of EIA notification September 2006	<b>03</b>
	<b>(b)</b> How to predict impacts on water environment in EIA?	<b>04</b>
	<b>(c)</b> Explain the procedure for getting environmental clearance.	<b>07</b>

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