

GUJARAT TECHNOLOGICAL UNIVERSITY

BE- SEMESTER-VII EXAMINATION – WINTER 2025

Subject Code:3171311

Date:13-11-2025

Subject Name:Environmental Impact Assessment

Time:10:30 AM TO 01:00 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
Q.1	(a) Explain the concept of Sustainable Development.	03
	(b) Explain Harmonious and Non Harmonious Development.	04
	(c) How to achieve Sustainable Development? Explain it in detail.	07
Q.2	(a) Highlight the importance of baseline monitoring.	03
	(b) Enlist category A project as per EIA Notification, 2006.	04
	(c) Enlist and explain the stages of Environmental Clearance process as per EIA, Notification, 2006.	07
	OR	
	(c) Discuss EIA as a four step activity.	07
Q.3	(a) Differentiate between quantifiable impact and Non-quantifiable impact.	03
	(b) Enlist category B project as per EIA Notification, 2006.	04
	(c) Explain the procedure of public hearing as per EIA Notification, 2006.	07
	OR	
Q.3	(a) Differentiate between Environmental Impacts and Environmental Effects.	03
	(b) Explain the TOR in environmental clearance.	04
	(c) State the merits and demerits of public participation in EIA process.	07
Q.4	(a) Discuss Environmental Management Plan for construction Project.	03
	(b) Write constitution of SEAC.	04
	(c) Differentiate between followings:	07
	• Reversible Impact and Irreversible Impact with example.	
	• Short term and Long Term Impacts	
	• Direct Impact and Indirect Impact	
	OR	
Q.4	(a) Write a short note on Environmental Attributes.	03
	(b) Enlist and explain contents of Environmental Impact assessment Report.	04
	(c) Write a short note on generic structure of EIA.	07
Q.5	(a) Discuss the Environment Management plan for Chemical Industries.	03
	(b) Write constitution of SEIAA.	04
	(c) Discuss the Environment Management plan for Thermal Power Plant.	07
	OR	
Q.5	(a) Enlist EIA Methodology.	03
	(b) Write a short note on network method.	04
	(c) Identify the impacts and Environmental Management plan of Mining.	07
