

GUJARAT TECHNOLOGICAL UNIVERSITY**ME - SEMESTER- 2 • EXAMINATION – WINTER - 2023****Subject Code:3721801****Date: 06 Jan 2024****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.

		MARKS
Q.1	(a) Enlist and explain sustainable development goals.	07
	(b) Explain Regional Carrying Capacity based Sustainable Development.	07
Q.2	(a) Differentiate between followings:	07
	• Short term Impact and Long Term Impact with example. • Primary, secondary and tertiary impacts with example.	
	(b) Enlist and explain the stages of Environmental Clearance process as per EIA, Notification, 2006.	07
	OR	
	(b) Discuss EIA as a four step activity.	07
Q.3	(a) Explain the procedure of public hearing as per EIA Notification, 2006.	07
	(b) Enlist EIA methodology. Explain any one detail.	07
	OR	
Q.3	(a) Enlist and explain detailed contents of EIA Report.	07
	(b) Discuss Environmental Management Plan for construction Project.	07
Q.4	(a) Differentiate between followings:	07
	• Reversible Impact and Irreversible Impact with example. • Screening and scoping in Environmental Clearance process.	
	(b) Write a short note on Environmental Attributes.	07
	OR	
Q.4	(a) Explain purpose, selection of parameters, collection and interpretation of baseline data in baseline study of EIA.	07
	(b) Explain common environmental management measure for air and noise.	07
Q.5	(a) Identify the impacts during the construction and operation of chemical industries.	07
	(b) Discuss the Environment Management plan for Chemical Industries.	07
	OR	
Q.5	(a) Highlight the relationship between man's action, environmental effects and impact with the help of a labeled flow diagram.	07
	(b) State the merits and demerits of public participation in EIA process?	07
